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OM nucleic - nucleic search, using sw model

Run on: November 13, 2003, 01:53:26 ; Search time 2227 Seconds
(without alignments)

3999.038 Million cell updates/sec

Title: US-10-054-678-1
Perfect score: 2725
Sequence: 1 tcattgcgtggccaggctcg.....aaagtcacacttggctggc 2725

Scoring table: IDENTITY NUC
GapOp 10.0 , Gapext 1.0

Searched: 2169961 seqs, 1634102185 residues

Total number of hits satisfying chosen parameters: 4339922

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 120 summaries

Database : Published Applications NA : *

1: /cgn2_6_ptodata/2/pubnra/us07_PUBCOMB_seq:*

2: /cgn2_6_ptodata/2/pubnra/PCT_NEW_PUB.seq:*

3: /cgn2_6_ptodata/2/pubnra/us06_NEW_PUB.seq:*

4: /cgn2_6_ptodata/2/pubnra/us06_PUBCOMB_seq:*

5: /cgn2_6_ptodata/2/pubnra/us07_NEW_PUB.seq:*

6: /cgn2_6_ptodata/2/pubnra/PCTRS_PUBCOMB_seq:*

7: /cgn2_6_ptodata/2/pubnra/us08_NEW_PUB.seq:*

8: /cgn2_6_ptodata/2/pubnra/us09_PUBCOMB_seq:*

9: /cgn2_6_ptodata/2/pubnra/us09_PUBCOMB_seq:*

10: /cgn2_6_ptodata/2/pubnra/us09B_PUBCOMB_seq:*

11: /cgn2_6_ptodata/2/pubnra/us09C_PUBCOMB_seq:*

12: /cgn2_6_ptodata/2/pubnra/us09_NEW_PUB.seq:*

13: /cgn2_6_ptodata/2/pubnra/us10A_PUBCOMB_seq:*

14: /cgn2_6_ptodata/2/pubnra/us10B_PUBCOMB_seq:*

15: /cgn2_6_ptodata/2/pubnra/us10_NEW_PUB.seq:*

16: /cgn2_6_ptodata/2/pubnra/us10c_PUBCOMB_seq:*

17: /cgn2_6_ptodata/2/pubnra/us10c_NEW_PUB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query | Match | Length | DB | ID | Description |
|------------|--------|-------|-------|--------|----------------------|--------------------|-------------------|
| 1 | 2725 | 100.0 | 2725 | 14 | US-10-054-678-1 | Sequence 1, Appli | Sequence 189, App |
| 2 | 1940 | 71.2 | 1955 | 14 | US-10-054-678-1 | Sequence 53, Appli | Sequence 189, App |
| 3 | 1807.2 | 66.3 | 1812 | 14 | US-10-175-523-53 | Sequence 36, Appli | Sequence 189, App |
| 4 | 1016.8 | 37.3 | 30781 | 14 | US-10-092-908-36 | Sequence 37, Appli | Sequence 189, App |
| 5 | 328.4 | 12.1 | 595 | 12 | US-10-029-386-12070 | Sequence 12070, A | Sequence 189, App |
| 6 | 279.4 | 10.3 | 287 | 12 | US-10-029-386-55770 | Sequence 25770, A | Sequence 189, App |
| c 7 | 258.4 | 9.5 | 567 | 12 | US-10-029-386-10900 | Sequence 10900, A | Sequence 189, App |
| c 8 | 258 | 9.5 | 258 | 12 | US-10-029-386-2463 | Sequence 2463, A | Sequence 189, App |
| c 9 | 193 | 7.1 | 2037 | 12 | US-10-311-455-2270 | Sequence 2270, AP | Sequence 189, App |
| c 10 | 179.6 | 6.6 | 2037 | 12 | US-10-311-455-2269 | Sequence 2269, AP | Sequence 189, App |
| c 11 | 150.4 | 5.5 | 739 | 12 | US-10-029-632-125683 | Sequence 125683, | Sequence 189, App |
| c 12 | 150.4 | 5.5 | 739 | 13 | US-10-027-632-125683 | Sequence 125683, | Sequence 189, App |
| c 13 | 146.8 | 5.4 | 2150 | 12 | US-10-137-870-189 | Sequence 189, APP | Sequence 189, App |
| c 14 | 146.8 | 5.4 | 2150 | 12 | US-10-140-018-189 | Sequence 189, APP | Sequence 189, App |
| c 15 | 146.8 | 5.4 | 2150 | 12 | US-10-140-021-189 | Sequence 189, APP | Sequence 189, App |
| c 16 | 146.8 | 5.4 | 2150 | 12 | US-10-140-274-189 | Sequence 189, APP | Sequence 189, App |

| | | | | |
|---|----|----|----|----|
| / CURRENT APPLICATION NUMBER: US/10/092,908 | | | | |
| / CURRENT FILING DATE: 2002-03-07 | | | | |
| / PRIOR APPLICATION NUMBER: US 60/274,095 | | | | |
| / PRIORITY DATE: 2001-03-07 | | | | |
| / NUMBER OF SEQ ID NOS: 49 | | | | |
| / SOFTWARE: FastSEQ for Windows Version 4.0 | | | | |
| / SEQ ID NO: 36 | | | | |
| / LENGTH: 1812 | | | | |
| / TYPE: DNA | | | | |
| / ORGANISM: Homo sapiens | | | | |
| us-10-092-908-36 | | | | |
| Query Match 66.3%; Score 1807.2; DB 14; Length 1812; | | | | |
| Best Local Similarity 99.8%; Pred. No. 0; | | | | |
| Matches 1809; Conservative 0.; Mismatches 3; Indels 0; Gaps 0; | | | | |
| Qy 3.3 ATGGGGAGGCAAGCCCTCATGTACGCCAACAGCAGTGGCATCTTGTCATCCCTGGTG 92 | Db | Db | Db | Db |
| Qy 1.1 ATGGGGAGGCAAGCCCTCATGTACGCCAACAGCAGTGGCATCTTGTCATCCCTGGTG 60 | Db | Db | Db | Db |
| Qy 9.3 GCGGCACTGAGGGCTGGCTCCCGTGAAGCCCCCTCCCTATGACATCCCCTGGAC 152 | Db | Db | Db | Db |
| Qy 6.1 GCGGCACTGAGGGCTGGCTCCCGTGAAGCCCCCTCCCTATGACATCCCCTGGAC 120 | Db | Db | Db | Db |
| Qy 15.3 CGGAGGGTGTCCCTGGAGCTCATGTAATGTCACTGGTCAACCCAGGAGGCCATCCATTTC 212 | Db | Db | Db | Db |
| Db 12.1 CGGAGGGTGTCCCTGGAGCTCATGTAATGTCACTGGTCAACCCAGGAGGCCATCCATTTC 180 | Db | Db | Db | Db |
| Qy 21.3 CAGCTCTGGTGTGGGGCTAAAGGGTGGCTTCCCTGGATGTCGACCTGGCGAG 272 | Db | Db | Db | Db |
| Db 18.1 CAGCTCTGGTGTGGGGCTAAAGGGTGGCTTCCCTGGCGAG 240 | Db | Db | Db | Db |
| Qy 27.3 CTTGAGAACGGAGATCTGGTGTGGCTCTGGCATGGAGACATCGCCATTGGCAC 332 | Db | Db | Db | Db |
| Db 24.1 CTTGAGAACGGAGATCTGGTGTGGCTCTGGCATGGAGACATCGCCATTGGCAC 300 | Db | Db | Db | Db |
| Qy 33.3 GCCTGGAGTGTACCGAGAACGGAGATCCACTGGGATCCCAGAGAACCTGGCTGTG 392 | Db | Db | Db | Db |
| Db 30.1 GCCTGGAGTGTACCGAGAACGGAGATCCACTGGGATCCCAGAGAACCTGGCTGTG 360 | Db | Db | Db | Db |
| Qy 3.93 CAGGTGAGGAGGCCAGAAGGGCTGACCCCTGGTTCAAGAGGGCCCTTGGCACCTGC 452 | Db | Db | Db | Db |
| Db 36.1 CAGGTGAGGAGGCCAGAAGGGCTGACCCCTGGTTCAAGAGGGCCCTTGGCACCTGC 420 | Db | Db | Db | Db |
| Qy 45.3 GACCCCAAGGATTACCTCATGGGCTGACGGGACTCTGGCTACGGGATCTGGAG 512 | Db | Db | Db | Db |
| Db 42.1 GACCCCAAGGATTACCTCATGGGCTGACGGGACTCTGGCTACGGGATCTGGAG 480 | Db | Db | Db | Db |
| Qy 51.3 GACCCCTTCCGGTACTGGGCTGACGGGCTGACGGGCTGACGGGAGG 572 | Db | Db | Db | Db |
| Db 48.1 GACCCCTTCCGGTACTGGGCTGACGGGCTGACGGGAGG 540 | Db | Db | Db | Db |
| Qy 57.3 GTGCAGCTCTGGTAAGGCCATAATGCCGAAACGGGAGTTGGCCTGAGACGGTGCACCATG 632 | Db | Db | Db | Db |
| Db 54.1 GTGCAGCTCTGGTAAGGCCATAATGCCGAAACGGGAGTTGGCCTGAGACGGTGCACCATG 600 | Db | Db | Db | Db |
| Qy 63.3 GAGGTCCAACCTCCCAATATCCGATCCAGTCAGCCAGGAGACCACTACGGTGTCAATT 692 | Db | Db | Db | Db |
| Db 60.1 GAGGTCCAACCTCCCAATATCCGATCCAGTCAGCCAGGAGTTGGCCTGAGACGGTGCACCATG 660 | Db | Db | Db | Db |
| Qy 69.3 AAGGAGCTCCAAGGGCTTCTGGCACCACTTAAAGTACGGGCCATGTCAACC 752 | Db | Db | Db | Db |
| Db 66.1 AAGGAGCTCCAAGGGCTTCTGGCACCACTTAAAGTACGGGCCATGTCAACC 720 | Db | Db | Db | Db |
| Qy 75.3 AAGGCCAATAGGGCCCTTGTGTCACCATGGAAAGCTTCCAGTGGCCCCGGAGATGGAC 812 | Db | Db | Db | Db |
| Db 72.1 AAGGCCAATAGGGCCCTTGTGTCACCATGGAAAGCTTCCAGTGGCCCCGGAGATGGAC 780 | Db | Db | Db | Db |
| Qy 81.3 AGCGTCCCCCAACTTCCAGTGGCCCCGGACTCCAGATGAAACCGGACCCCTAACATAC 872 | Db | Db | Db | Db |
| Db 78.1 AGCGTCCCCCACTTCCAGTGGCCCCGGACTCCAGATGAAACCGGACCCCTAACATAC 840 | Db | Db | Db | Db |
| Qy 87.3 TGCCGCCACCTGCTGCCCTGGGCCCCGGACTCCAGATGAAACGCCATTACTACCCAGAGGAA 932 | Db | Db | Db | Db |

RESULT 4

US-10-092-908-37

Sequence 37, Application US/10092908

; Publication No. US20030040015A1

; GENERAL INFORMATION:

| | | | | |
|--|-------|--|--|--|
| APPLICANT: Kim, Kwang-Soo | Db | 28393 | AAAGGGAAAGCCCTAACAAACATACCAAAAAGAGGCGCAGATCAGGGGG | 284 |
| APPLICANT: Chun-Hyung | QY | 2486 | TTCNGGGCCGGTTCAGGTGGGAATTATAGACCAGTTGCCTCTCGCGGT | 254 |
| APPLICANT: Robertson, David | Db | 28453 | TTCNGGGCCGGTTCAGGTGGGAATTATAGACCAGTTGCCTCTCGCGGT | 285 |
| TITLE OF INVENTION: Compounds and Reagents for Identifying | | | | |
| TITLE OF INVENTION: Compounds and Mutations That Modulate Dopamine | | | | |
| FILE REFERENCE: 04843/097002 | QY | 2546 | GGGCCAGGGTGAACAGACGGGTAGGGACTGGCTTGCGTGTCTGCC | 260 |
| CURRENT APPLICATION NUMBER: US10/092,908 | Db | 28513 | GGGCCAGGGTGAACAGACGGGTAGGGACTGGCTTGCGTGTCTGCC | 285 |
| CURRENT FILING DATE: 2002-03-07 | QY | 2606 | ACTTAGGGAGTGTGCTTGGGCCATTCACTTCCGACCCCACTTTCATCT | 266 |
| PRIOR APPLICATION NUMBER: US 60/274,095 | Db | 28573 | ACTTAGGGAGTGTGCTTGGGCCATTCACTTCCGACCCCACTTTCATCT | 286 |
| PRIOR FILING DATE: 2001-03-07 | QY | 2666 | GTAACCAGGGCTATGCCGTGGGGCTAATGAGCCAATAAGCTCACACTGGCTGGC | 272 |
| NUMBER OF SEQ ID NOS: 49 | Db | 28633 | GTAACCAGGGCTATGCCGTGGGGCTAATGAGCCAATAAGCTCACACTGGCTGGC | 286 |
| SOFTWARE: FastSEQ for Windows Version 4.0 | | | | |
| SEQ ID NO: 37 | | | | |
| TYPE: DNA | | | | |
| ORGANISM: Homo sapiens | | | | |
| S-10-092-308-37 | | | | |
| Query Match | 37.3% | Score 1016.8; | DB 14; | Length 30781; |
| Best Local Similarity | 99.8% | Pred. No. 3..je-266; | | |
| Matches 1018; Conservative | 0; | Mismatches 2; | Indels 0; | Gaps 0; |
| | | | | |
| QY | 1706 | CTTCCAGGGTGAATGGAACTCTGGACCTCTGGACCTCTCCAGCTGAAGGCC | 1765 | RESULT 5 |
| Db | 27673 | CTTCCAGGGTGAATGGAACTCTGGACCTCTGGACCTCTCCAGCTGAAGGCC | 27732 | US-10-029-386-12070 |
| QY | 1766 | CACCCCAACGGCCCACAGCGAGGGCGAACGCCCTCTGGCCCCACGGTTCTCAGAT | 1825 | ; Sequence 12070, Application US/10029386 |
| Db | 27733 | CACCCCAACGGCCCACAGCGAGGGCGAACGCCCTCTGGCCCCACGGTTCTCAGAT | 27792 | ; General Information: |
| QY | 1826 | TGTGGGGAAAGGCTAGGGGGACCTACTCTCCCTCTCCATGCTGCGCTGTAGAT | 1885 | ; Publication No. US20030194704A1 |
| Db | 27793 | TGTGGGGAAAGGCTAGGGGGACCTACTCTCCCTCTCCATGCTGCGCTGTAGAT | 27852 | ; Applicant: Penn, Sharron G. |
| QY | 1886 | GGCTACACGGACTCTGCACTCTGCACTCTGCACTCTGCACTCTGCACTCTGCACT | 1945 | ; Applicant: Rank, David R. |
| Db | 27853 | GGCTACACGGACTCTGCACTCTGCACTCTGCACTCTGCACTCTGCACTCTGCACT | 27912 | ; Applicant: Hanzel, David K. |
| QY | 1946 | CCAGGATGAAGGCCAGACCAAGCTTCACTTCACTTCACTTCACTTCACTTCACT | 2005 | ; Title of Invention: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES US1 |
| Db | 27913 | CCAGGATGAAGGCCAGACCAAGCTTCACTTCACTTCACTTCACTTCACTTCACT | 27972 | ; Title of Invention: EXPRESSION ANALYSIS TWO |
| QY | 2006 | TCCCCCAGGTCCCTGATGGCTGAGGGTGTGGGCCCCCTGTTGACCTACCTGGAAC | 2065 | ; File Reference: AEONIC-X-2 |
| Db | 27973 | TCCCCCAGGTCCCTGATGGCTGAGGGTGTGGGCCCCCTGTTGACCTACCTGGAAC | 28032 | ; Current Application Number: US/10/029,386 |
| QY | 2066 | CGATGGACCAACCTCTGCAATTAACCCCTGACTCTGAGCTGAGGACAGGCCGA | 2125 | ; Current Filing Date: 2001-12-20 |
| Db | 28033 | CGATGGACCAACCTCTGCAATTAACCCCTGACTCTGAGCTGAGGACAGGCCGA | 28092 | ; Number of Seq ID Nos: 34288 |
| QY | 2126 | CAGTGGTCAGGGTCCAGGCCAGCCCTCGCCAGCCCTCACTGGCTGCCCTGC | 2185 | ; Software: Annonax Sequence Listing Engine vers. 1.1 |
| Db | 28093 | CAGTGGTCAGGGTCCAGGCCAGCCCTCGCCAGCCCTCACTGGCTGCCCTGC | 28152 | ; Seq ID No 12070 |
| QY | 2186 | TCTGGGAAGGACCATGCTGGCGGGTGTGGCTGAAATCAGGGAAACCCCCCCCC | 2245 | ; Type: DNA |
| Db | 28153 | TCTGGGAAGGACCATGCTGGCGGGTGTGGCTGAAATCAGGGAAACCCCCCCCC | 28212 | ; Organism: Homo sapiens |
| QY | 2246 | GGCCGCTCTCCGGTGTGGCTGGGGTGTGGCTGAAATCAGGGAAACCCCCCCCC | 2305 | ; Feature: |
| Db | 28213 | GGCCGCTCTCCGGTGTGGCTGGGGTGTGGCTGAAATCAGGGAAACCCCCCCCC | 28272 | OTHER INFORMATION: MAP TO CHR9.3 |
| QY | 2306 | GGCTCTCTTACAGTGGGGGTCTCCCTGGCACTGGGAGGGCTCTCTGATGGA | 2365 | OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 5.1 |
| Db | 28273 | GGCTCTCTTACAGTGGGGGTCTCCCTGGCACTGGGAGGGCTCTCTGATGGA | 28332 | OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.2 |
| QY | 2356 | GTTAGAGACTCGCTGGAAATTGCTCCCTCTGAAACACATATTTCGCCACCT | 2425 | OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 3.5 |
| Db | 28333 | GTTAGAGACTCGCTGGAAATTGCTCCCTCTGAAACACATATTTCGCCACCT | 28392 | OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 5.1 |
| QY | 2426 | AAACGGAAACCCCTTGAAACAACTAACCAACATACCAAAAGACAGGCGGGAA | 2485 | OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.49 |
| | | | | OTHER INFORMATION: SWISSPROT HIT: P09172, EVALUATE 4.00e-43 |
| | | | | OTHER INFORMATION: NT HIT: XJ3257.1, EVALUATE 0.00e+00 |
| | | | | OTHER INFORMATION: EST_HUMAN HIT: BE382676.1, EVALUATE 0.00e+00 |
| | | | | US-10-029-386-12070 |
| Query Match | 12.1% | Score 328.4; | DB 12; | Length 595; |
| Best Local Similarity | 99.7% | Pred. No. 3..je-279; | | |
| Matches 329; Conservative | 0; | Mismatches 1; | Indels 0; | Gaps 0 |
| | | | | |
| QY | 1 | TCACTGGCTGGCCAGCCCTCCGGCCAGCATGGGGAGGGCAGCTTCATGTAAGCA | 60 | |
| Db | 178 | TCACTGGCTGGCCAGCTCTCCGGCCAGCATGGGGAGGGCAGCTTCATGTAAGCA | 237 | |
| QY | 61 | CAGCAGCCCTCCCTATCACATCCCCCTGACCCGGGGCTCCCTGGAGGTCTCATGGA | 120 | |
| Db | 238 | CAGCAGCCCTCCCTATCACATCCCCCTGACCCGGGGCTCCCTGGAGGTCTCATGGA | 297 | |
| QY | 121 | AGAGCCCTCCCTATCACATCCCCCTGACCCGGGGCTCCCTGGAGGTCTCATGGA | 180 | |
| Db | 298 | AGAGCCCTCCCTATCACATCCCCCTGACCCGGGGCTCCCTGGAGGTCTCATGGA | 357 | |
| QY | 181 | ATGTAGCTCACCCAGGGCCATCCATTCCAGCTCCCTGGAGGTCTCATGGA | 240 | |
| Db | 358 | ATGTAGCTCACCCAGGGCCATCCATTCCAGCTCCCTGGAGGTCTCATGGA | 417 | |
| QY | 241 | GGGGACCCCTTGAAACAACTAACCAACATACCAAAAGACAGGCGGGTCCGACCT | 300 | |

RESULT 6 US-10-029-386-25770 ; Sequence 25770, Application US/10029386
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Harzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEAR ACID PROBES US
; FILE REFERENCE: EXPRESSION ANALYSIS TWO
; CURRENT APPLICATION NUMBER: US/10/029,386
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 34288
; SOFTWARE: Annonmax Sequence Listing Engine vers. 1.1
; SEQ ID NO: 25770 ;
; LENGTH: 287
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO CHR9.3
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 5.1
; OTHER INFORMATION: EXPRESSED IN HEK293, SIGNAL = 2
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 2
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.2
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 3.5
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 5.1
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 0.49
; OTHER INFORMATION: NT HIT: X13257.1, EVALUATE 0.00e+00
; OTHER INFORMATION: SWISSPROT HIT: P03172, EVALUATE 3.00e-40
; OTHER INFORMATION: EST_HUMAN HIT: BE382676.1, EVALUATE 0.00e+00
; US-10-029-386-25770

| Query | Match | Score | DB | Length |
|-------|-----------------------|---|------------|--------|
| | Best Local Similarity | 99.6% | 12 | 287; |
| | Pred. No. | 6e-66 | | |
| | Matches | 280, | Mismatches | 1; |
| | | | Indels | 0; |
| | | | Gaps | 0 |
| Qy | 50 | CATGTCAGCACAGCACAGCACTGGCCATCTCTGTGCATCCTGGTGGCCACTCTGCAAGGGCTC | 109 | |
| | 1 | CATGTCAGCACAGCACAGCACTGGCCATCTCTGTGCATCCTGGTGGCCACTCTGCAAGGGCTC | 60 | |
| Qy | 110 | GGCTCCCCCGTGAGAGCCCTCCCTATCACATCCCCTGAGACCCTGAGGGCTCCCTGGAA | 169 | |
| | 61 | GGCTCCCCCGTGAGAGCCCTCCCTATCACATCCCCTGAGACCCTGAGGGCTCCCTGGAA | 120 | |
| Qy | 170 | GCTTCATGTAATGTCAGCTAACCCAGAGGCCATCATTCAGTCATTTCAAGTCCTGGGAG | 229 | |
| | 121 | GCTTCATGTAATGTCAGCTAACCCAGAGGCCATCATTCAGTCATTTCAAGTCCTGGGAG | 180 | |
| Dy | 230 | GCTCAAGGGTGGGCTCCCTGGATCTCCGACCTGGGAGCTTGAGAACGCAAGATCT | 289 | |
| | 181 | GCTCAAGGGTGGGCTCCCTGGATCTCCGACCTGGGAGCTTGAGAACGCAAGATCT | 240 | |
| Dy | 290 | CGTGTGCTCTGGACCCATGGGACACTGGCTATTTGGG | 330 | |
| | 241 | CGTGTGCTCTGGACCCATGGGACACTGGCTATTTGGG | 281 | |

RESULT 7 US-10-029-386-10900/C ; Sequence 10900, Application US/10029386
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Harzel, David K.
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEAR ACID PROBES US

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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
 FILE REFERENCE: 108827-1.129
 CURRENT APPLICATION NUMBER: US/10/027,632
 CURRENT FILING DATE: 2002-04-30
 PRIOR APPLICATION NUMBER: US 60/218,006
 PRIOR FILING DATE: 2000-07-12
 PRIOR APPLICATION NUMBER: US 60/198,676
 PRIOR FILING DATE: 2000-04-20
 PRIOR APPLICATION NUMBER: US 60/193,483
 PRIOR FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: US 60/185,218
 PRIOR FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/167,363
 PRIOR FILING DATE: 1999-11-23
 PRIOR APPLICATION NUMBER: US 60/156,358
 PRIOR FILING DATE: 1999-09-28
 PRIOR APPLICATION NUMBER: US 60/146,002
 PRIOR FILING DATE: 1999-08-09
 NUMBER OF SEQ ID NOS: 325720
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 125583
 LENGTH: 739
 TYPE: DNA
 ORGANISM: Human
 US-10-027-632-125583

Query Match 5.5%; Score 150.4; DB 12; Length 739;
 Best Local Similarity 96.2%; Pred. No. 9.7e-31;
 Matches 154; Conservative 0; Mismatches 6; Indels 0; Gaps 0

Qy 1173 ACCAGCTGGAAAGGTGCAAGTCCATTCAGTCAGCTCCACACAC 1233
 Db 464 ACCCACGGCACTGCCTCCGGATCAGTCAGCTCCACACAC 5233

Qy 1233 CTGACTGGGAGAAAGGCGGGACGGGGACTGGGAGATCCG 1299
 Db 524 CTGACTGGAGAAAGGTGTCAGTGTTGGAGCTGGAGATCTGTCG 583

Qy 1293 ACCAGGCAATCACTAGCCCTACTGCCCTACCTCCAGTAACC 1332
 Db 584 ACCAGGCAATCACTAGCCCTACCTCCAGTAACC 623

RESULT 13
 US-10-137-870-189
 ; Sequence 189, Application US/10137870
 ; Publication No. US20030138883A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeJorge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary B.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watansabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330R1C155
 ; CURRENT APPLICATION NUMBER: US/10/137,870
 ; CURRENT FILING DATE: 2002-05-03
 ; PRIOR APPLICATION removed - See Palm or File Wrapper
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO: 189
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 ; LENGTH: 1150
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330R1C155
 ; CURRENT APPLICATION NUMBER: US/10/137,870
 ; CURRENT FILING DATE: 2002-05-03
 ; PRIOR APPLICATION removed - See Palm or File Wrapper
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO: 189
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 ; LENGTH: 1150
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide Polymorphisms in the Human Genome
 ; FILE REFERENCE: 108827-1.129
 CURRENT APPLICATION NUMBER: US/10/027,632
 CURRENT FILING DATE: 2002-04-30
 PRIOR APPLICATION NUMBER: US 60/218,006
 PRIOR FILING DATE: 2000-07-12
 PRIOR APPLICATION NUMBER: US 60/198,676
 PRIOR FILING DATE: 2000-04-20
 PRIOR APPLICATION NUMBER: US 60/193,483
 PRIOR FILING DATE: 2000-03-29
 PRIOR APPLICATION NUMBER: US 60/185,218
 PRIOR FILING DATE: 2000-02-24
 PRIOR APPLICATION NUMBER: US 60/167,363
 PRIOR FILING DATE: 1999-11-23
 PRIOR APPLICATION NUMBER: US 60/156,358
 PRIOR FILING DATE: 1999-09-28
 PRIOR APPLICATION NUMBER: US 60/146,002
 PRIOR FILING DATE: 1999-08-09
 NUMBER OF SEQ ID NOS: 325720
 SOFTWARE: FastSEQ for Windows Version 4.0
 SEQ ID NO: 125583
 LENGTH: 739
 TYPE: DNA

Db 299 AAGATGCTCAGCAAGATAACCATTAGAATATGCCATGGAAATAAGCACACACATAA 358
 Qy 424 TGCCTTTAACAGAGGCCCTTGGCACCTGGGACCCAAAGATTACCTTATGGAGACCGA 483
 Db 359 TTGATTACAGAGGTGATCATGTACAATGACAGAGTAAAGGTAGCA 418
 Qy 484 CTGCCCCACTGGTGTACGGGATCTGGAGGGCTCAACG 543
 Db 419 CTGAGACTGATGGSCTAACCTGTAGATGGAGAACAGTGTCAGTAC 478
 Qy 544 GCTGGCTGCAGATGGGCTGAGGGCTGAAGCTGCTGAGGCCAATATCCCAC 603
 Db 479 -- ATGATCCTAACTGGGCAACAAAGATTGGTTAATCTGAGAAC--TA 532
 Qy 604 CGGAGTGGCCTAGACCGTGGACCATGGGGTCCAAGGGCTCAATATCCAGTCCC 663
 Db 533 GTTGCTATCTAGCCTTACCATACTPTGTCTGGTAATAGGCGTCCCAC 592
 Qy 664 GCGAGGACCAAGCTAATGGCTCTACATTAAGAGCTTCCAAAGGGCTTCTCGCAC 723
 Db 593 ACAAAATAACACATATTGGCCTAAATGTTAACATGGGGCTGG 652
 Qy 724 ACATTATAAGTACGGACCCATCTGTCAACAGGCAATGGCCCTTGTCCACCATGG 783
 Db 653 ATCTAAATAAAGGTGACCACTGATACAGAGGGCCATGAGACTGTGGCACACATC 712
 Qy 784 AAGCTCTCAGTGCCCCGAA --ATGGAACAGCTCCCCACCTTCAGGGGCGCTGG 840
 Db 713 TGGCTATCAGTGAGGAACAACTTAACCAAGCTTCTGGAGTCGGCACAGTGGT 772
 Qy 841 ACTCCAAAGATGAAACCGGACCCCTCAACTGCGCACGTGTGGCGCTGGGCC 900
 Db 773 ATCACCCCCAACATGCCGATGATCCTCACCTGAAACTGTGATTITGGCTGGCTA 832
 Qy 901 TGGGCCAACGCAATTACTACCCAGGGAGGGCCCTTGGGTCAGGGT 960
 Db 833 TTGGTGGAGGGCTTCTCTTATGTTGATTATCCCTGCACTCATG 892
 Qy 961 CCTCCAGATATCTGGCTGGAAGTTCACTACCAACACACTGGTAGANGACCA 1020
 Db 893 ATCCGATATCTGGCTCTAGAACGTCATATGATAATCCACCTTATGGAGGGCTTA 952
 Qy 1021 ACGACTCTCAGGATCCGTTGACTACAGGCCAGTGTGGCTTAACGGGGGA 1080
 Db 953 TAGATATTCTGGACTGAGTTTACACAAATGGATATAAGGAATATGTGCTGG 1012
 Qy 1081 TCATGGAGCTGGACTGGTGTACAGGCCAGTGTGGCTTCCACCCGGAGACGCCCT 1140
 Db 1013 TGATTGAGGTGGCTCTGGGTGACCTTCCATACCAATGGATATAAGGAATGTGG 1072
 Qy 1141 TCATCCCTCACTGGACTACGGGACCAAGTGACCCAGCTGGACTG - - - - -CCTC 1191
 Db 1073 TCCAGTCTGGGTACIGACTTGGACTGGGAGGGCTCTGAAGCCGAAAGGC 1132
 Qy 1192 CCTCGGGATCCACATCTGGCTCTCACTGGGAGGGAAATTACTGCTTCAATGATGATGATTTC 1251
 Db 1133 CAAGTGGAAATTCTGTTGCTTCTCCATGCTCACTGGGAGGATCA 1192
 Qy 1252 TCACAGTCTGGGTACIGACTTGGACTGGGAGGGCTCTGAAGCCGAAAGTC 1311
 Db 1193 GGCTCGTATTTGAAAGGAAATGAAATTACTGCTTCAATGATGATGATTTC 1252
 Qy 1312 GCCCTCACTCCGGAGATGGCATGTTGAAGAGGTGGCTCATCGGGAGATG 1371
 Db 1253 ACTTCATTCAGGATCTGGCTCTGAAGGAAACAAACTTCAAGAGATA 1312
 Qy 1372 TGCTCATCACCTCTGGCTCTGAAGTAAAGAGAACAAACTTCAAGAGATA 1431
 Db 1313 ACCTAATTAATCTGGCTCAACAGGAGTGGCTAACAGGAAATGAGCTGGAGAC 1372
 Qy 1412 TCGGATCTGGAGGAGTGTGGCTCAACTCTGGCTAACACTACCC 1477
 Db 1373 TAAGCACCAGGAGTGAATGTCATCACTTCTTATTACCC 1418

RESULT 14
 US-10-140-018-189
 ; Sequence 189, Application US/10140018
 ; GENERAL INFORMATION:
 ; APPICANT: Baker, Kevin P.
 ; APPICANT: Beresini, Maureen
 ; APPICANT: DeForge, Laura
 ; APPICANT: Desnoyers, Luc
 ; APPICANT: Filvaroff, Ellen
 ; APPICANT: Gao, Wei-Qiang
 ; APPICANT: Gerritzen, Mary E.
 ; APPICANT: Goddard, Audrey
 ; APPICANT: Godowski, Paul J.
 ; APPICANT: Gurney, Austin L.
 ; APPICANT: Sherwood, Steven
 ; APPICANT: Smith, Victoria
 ; APPICANT: Stewart, Timothy A.
 ; APPICANT: Tumas, Daniel
 ; APPICANT: Watanabe, Colin K.
 ; APPICANT: Wood, William
 ; APPICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C158
 ; CURRENT APPLICATION NUMBER: US/10/140,018
 ; CURRENT FILING DATE: 2002-05-06
 ; Prior Application removed - See Palm or File Wrapper
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 189
 ; LENGTH: 2150
 ; TYPE: DNA
 ; ORGANISM: Homo sapien
 US-10-140-018-189

Query Match 5.4%; Score 146.8; DB 12; Length 2150;
 Best Local Similarity 47.3%; Pred. No. 1.2e-29; Indels 21; Gaps 5;
 Matches 618; Conservative 0; Mismatches 67;

| | | |
|----|---|-----|
| Qy | 187 GCTACCCCCAGGGCCATTCATTCTCAGGCTCTCCCTGGGAGGCTCAAGGCTGGCTCC | 246 |
| Db | 119 GCTGAGCCAGGCGCAGCAGTGCCTCCAGGCTGCGTACTGCGTACGGCTACG | 178 |
| Qy | 247 TG---TTTGGATGCTCCGACCTGGCTGGAGCTTGAAGAGGAGATCTCTGGTCTCTGTA | 303 |
| Db | 179 TGGGTTGCTGCTTCTGCCACCGGGCATGGCTGGCCATGCTGGGGGG | 238 |
| Qy | 304 CCGATGGGACACTGCTTATTTGGCTGGGAGCTGGCTGGGAGGAGATCCACC | 363 |
| Db | 239 TGGGCCACCGGGCCCTACCTCCAGGTTATTTCAATGCAAATAGAGGTTGAAA | 298 |
| Qy | 364 TGGATCCCAGGAGGACTACCGAGTGTGGCAGGGACCCAGGGCTGCC | 423 |
| Db | 299 AAGATGCTAGGAAATACCTCAATGATAATGGACACACATAAA | 358 |
| Qy | 424 TGGTTTCAAGGCGCTTGGACCTGGCTACCTGGATTAAGACGCC | 483 |
| Db | 359 TTGATTTACCGAGGAGTGCATACATGCAATAATGCAAGAGATAACGGATAGCA | 418 |
| Qy | 484 CTGTCACCTGGCTCTGGATGGCTTGGGAGGCGCTCGGGTCACTGAGGCCATCAACG | 543 |
| Db | 419 CTGAGAGTGTGATCTGGCTTACCATGAGAATGGCTGGCTCCTGAAGGCAATATCCGGAA | 478 |
| Qy | 544 GCTGGGGCTGGGATGGGCTGGCTGGAGGGCTGGCTGGAGCTGGCTCCTGAAGGCAATATCCGGAA | 603 |
| Db | 479 ---ATGACTCCAAATGGGCAACCAAGTGGTTGCTTATGCTGAGAAC - -TA | 532 |
| Qy | 604 CGAGTGGCCCTAGGGGAGCTGGGACCTGGCTAACAGTGGCTAACATGGAC | 663 |
| Db | 533 GRTGCTPATCTACGGCTTACCTACATGTCCTCATACCTCTTATTACCC | 592 |

SEQUENCE: 664 GCCAGGAGACAGCTACTGGTCAATAGGGTTCAAAGGGCTTCTCGCACC 723
 593 ACAAGATAAACATATTGTCCAATATGTTCTGTCAAAAGCATC 652
 724 ACATTCAAGTAGCAGCCCCATCGTCACCAAGGGAAATGAGGCCCTTGTCACCATGG 783
 653 ATGTAATAAGGTAGCAGCTGTAGAGGCTATGAGAGGCATGGACCATTC 712
 784 AAGCTTCAGTGCGCCCGA--GATGCCAGGGTCCCCACTTCAGGGCCCTGG 840
 713 TGCTCTATCGTGCAGAACACTTAAACGAGGGTTCAGAGTCGGCACAGTGT 772
 841 ACTCCAAGTGAAAACCGACGCCCTAACTACTGCGCAGCTGGCCCCTGGCC 900
 773 ATCACCCCAACATGCCATGCTTCAACTGTGAACTGTGTTTCTGGCTA 832
 901 TGGTGTGCCAAGGCAAGGTTTACTACCCAGGAAAGCGGCCCTGGGGTCAAGGT 960
 833 TTGGGGAAAGGGGTTTCTTATCACCTCATGTTGATPCTCCTGGACTCTATTAG 892
 961 CCTCCGAGATCTCGCCCTGAAAGTCTACCCAGAACCTACTGGTATGAAAGGCAA 1020
 893 ATCCGCAATTATGTCGCTTCAAGAAGTCCATTGATAATCCACTATGAGGAAGCTTAA 952
 1021 AGCAACTCTAGGCACTGGCTTGTACTACAAGGCCAGCTGGGGCTTAACCGGGGA 1080
 953 TAGATAATTCTGGACTGAGTTAACATGGATAAGGAATATGATGCTGGG 1012
 1081 TCATGGAGCTGGGACTGGTGTGTTACAGGCCAGCTGATGGCATTCCACCGGGAGACGCC 1140
 1013 TGATITGGGGTGGCTCTGGTGAACCTCTTCCAGGATGCTGAGT 1072
 1141 TCATCTCTACTGGTACTGAGCAGCAAGATGCAACCTGCACTG-----CCTC 1191
 1073 TCCAGTCTGAGGGTCACTGCACTTGGATGCTGCCCTGAAAGGGCTCTGGCTCTGG 1132
 1192 CCTCGGGATCCAATCTGGCTTCAAGETCCACCTGACTGGGAAAGGTGG 1251
 1133 CAAGTGGATTCTGTTTCACTGCTTCAAGTGGCTGGCAAGGGCATCA 1192
 1252 TCACAGTGTGGTGGGGACGGCGGGAACTGGGAGATCCTCAACTACA 1311
 1193 GGCCTGCTTGTATTTGAAAGGGAGGAATGAAATTACTCTGGCTATGTTG 1252
 1312 GCCCTCACTTCCAGAGATCGCACTGTTGAAAGCTGTCGTCATCGGAGATG 1371
 1253 ACTTCATTCAGGATTCAGTCACTATCAAGGAAACAAACAACTCTACCGAGATA 1312
 1372 TGCTCATCACTCCCTGCACTACACAGGAAAGACGGGAGCTGGCCCAAGTGGGGCT 1431
 1313 ACCTAAATTCTGAGTGTGCTTCAACAGAAAGATAGGTGAGTCACTGGGAGGAC 1372
 1432 TCGGATCTGGTGGGGAACTGGCAACTACTGGCACTACTACCC 1477
 1373 TAACCACGGAGTGAATATGTCATACCTCTTATTACCC 1418

RESULT 15
 IS-10-140-021-189
 Sequence 189, Application US/10140021
 Publication No. US20030138886A1
 GENERAL INFORMATION:
 APPICANT: Baker, Kevin P.
 APPICANT: Beresini, Maureen
 APPICANT: DeForge, Laura
 APPICANT: Desnoyers, Luc
 APPICANT: Filvaroff, Ellen
 APPICANT: Gao, Wei Qiang
 APPICANT: Gerritsen, Mary E.
 APPICANT: Goddard, Audrey
 APPICANT: Godowski, Paul J.
 APPICANT: Gurney, Austin L.
 APPICANT: Sherwood, Steven
 APPICANT: Smith, Victoria
 APPICANT: Stewart, Timothy A.
 APPICANT: Tumas, Daniel
 APPICANT: Watanabe, Colin K
 APPICANT: Wood, William
 APPICANT: Zhang, Zeming
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P330R1C167
 CURRENT APPLICATION NUMBER: US/10/140,021
 CURRENT FILING DATE: 2002-05-06
 PRIOR APPLICATION REMOVED - SEE PALM OR FILE WRAPPER
 NUMBER OF SEQ ID NOS: 550
 SEQ ID NO: 189
 LENGTH: 2150
 TYPE: DNA
 ORGANISM: Homo sapien
 US-10-140-021-189

Query Match 5.4%; Score 146.8; DB 12; Length 2150;
 Best Local Similarity 47.3%; Pre. No. 1..26-29;
 Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 1;

Qy 187 GCTACACCCAGGGCCATCCATTTCAGCTCCAGCTGGGGTCAAGCTGGTCC 241
 Db 119 GCTGGAGCCAGGGGGCCAGCCAGTGGACTGAGCTGGACTGAGCTACG 171
 Qy 247 TG--TTTGGGATGTCGACCCGTTGGCAGCTTGTGAAACCGAGATCTCGTGTCTGGAA 301
 Db 179 TGGGCTGGCTTCGCCCAGGGGCTATGGGTGGGGGGCATCGTGTGGGGGG 231
 Qy 304 CCGATGGGACACTGCTTATTGCGGAGCCCTGAGTCAGATCCACC 361
 Db 239 TGGCCACAGGGGGCCCTAACCTCCAGGATTATTTCACATGGTGTGAAAAA 29
 Qy 364 TGGATCCCCAGGAGACTACCAGTTGCTGAGGGACCCAGGGCTGACCC 421
 Db 299 AAAGATGCTCAGGAAATGATTACCTATGGCATGGAAATAGACACACAAATAA 35
 Qy 424 TGGTTTCAAGGGCCCTGGACCCCAAGGATTACCTCATTTGAAAGGGCA 481
 Db 359 TTGAATTACCAAGAGGTGATGATTAATGACAAGAGTTAACGGATAGCA 411
 Qy 484 CTGTCACCTTGTCTACGGATCTGGGAGCCGTTCTGGTACTGGGCTTCACAG 541
 Db 419 CTGTGAGGTGATCTGGCTTACACCATGAGATGAGCTGTCCTCCAGTAC 471
 Qy 544 GCTGGGCTCTGAGGGCTGGGCTCTGAAAGCTGAGCTGGCTTATCCCGAAC 601
 Db 479 --ATGACTCCATTAGGGCACCAAGACTTGGCTTATTGAAATCTGAAAC--TA 531
 Qy 604 CGGAGTTCAGGCTCTGAACTGGGACCCATGGGAACTTCAGATCCCCA 661
 Db 533 GTGGCTPATCTAAGCTTACATGTTGAAATCAGGAGCTCCATCCAA 591
 Qy 664 GCCAGGAGACCAAGCTACTGGTGTACATTAAGGGCTTCTCGGCACC 721
 Db 593 ACAAAGATAACACATATGGTGCCTAACTGGTAAATCAGGAGCTCCATCC 651
 Qy 724 ACATATAAGTACAGGAGCCATGTCAGCTGGTCAAGGGCTTCTCGGCACC 781
 Db 653 ATGTAATAAAGGTTGAGCTGAGGAGCCATGAGGTGCTGGTCACCATCC 711
 Qy 784 AAGTCTTCAGTGCCTGGCAACTGGGCACTTCAAGGGCCCTGGG 841
 Db 713 TGGCTATCAGTCAGGCAAGAACCTTAACTGGTAAATCAGACAGCTGCTGGCT 771
 Qy 841 ACTCAGATGAAACCCGACCGCCACTACTGGCCGACGCTGCTGGCCGGCCC 901
 Db 773 ATCACCCCAACATGCCGATGATCTCCACCTGAAACTGATTTGGCTGGCTA 831
 Qy 901 TGGGGCTGGCAAGGCAATTACTACAGGAAACGGGCTTGGCTTGGGGT 901

| Db | Qy | Score | Match | Best Local Similarity | Length |
|-----|---|-------|---|-----------------------|--------|
| 833 | TGGTGGAGGGGTTCTTATCCCTCATGGATATCCCTTGACTCATTAG | 892 | 5.4% | 146.8; | 2150; |
| Qy | 961 CCTCCAGATATCGCTGGAGTTCATACCAACCACGTGATAGAGGA CGAA | 1020 | 47.3%; | DB 12; | |
| Db | 893 ATCCGATTATGCTCATGAGTCATTAATCCACTATGGAGGCTTA | 952 | Pred. No. 1.2e-29; | | |
| Qy | 1021 AGACTCTAGCATGGCTGTACTACAGCCAAGCTGGCGCTTCAAGCGGGGA | 1080 | Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5; | | |
| Db | 953 TAGATAATTCTGGACTGAGTTACACATGGATATAAGAATATGCTGGGG | 1012 | | | |
| Qy | 1081 TCACTGGAGCTGGGACTGTGACCGGATGGCTTACACCGGGAGCGCT | 1140 | | | |
| Db | 1013 TCAATTGGCTGGCTTCCATCCATCCTGGGATGGCTGAGT 1072 | | | | |
| Qy | 1141 TCACTGGCTCATGGGACTAGTGACCCAGCTGGCACTG - - - - - | 1191 | | | |
| Db | 1073 TCCAGTCTGAGGTCACTGCACTTGGAGTGCCTCGAACGAAAAGC | 1132 | | | |
| Qy | 1192 CCTCCGGATCACATTTGCCCTCACTGCTCACACAACCTGACTGGGAAAGTGG | 1251 | | | |
| Db | 1133 CAAGTGAATTCTATGTTGCTTCCATGTCACCTGGCTGGAGGATCA | 1192 | | | |
| Qy | 1252 TCACAGTGTGTGTCCGGACGGGAACTACATCACTACA 1311 | | | | |
| Db | 1193 GGCTGCTCATTTTCAAAGGAAAGAAATAATTACTTGCTATGATTTG | 1252 | | | |
| Qy | 1312 GCCCTACTTCCAGGATGCCCATGTTGAAAGGTCGTTCACTCGGGAGATG | 1371 | | | |
| Db | 1253 ACTTCATTTCAGGTTCACTGGTCTTCCATGTCACCAAGGATCA 1312 | | | | |
| Qy | 1372 TGCTCATCACTCCCTCAGGTAACAAAGGGAGCTGGCACAGTGGGGCT | 1431 | | | |
| Db | 1313 ACCTAATTCTGAGTGTCTGGTAAAGAAACAACTTCACAGGATCA | 1372 | | | |
| Qy | 1432 TCGGGATCTCGAGGAGATGGTCAACTACATGTCACATACCTACCC | 1477 | | | |
| Db | 1373 TAAGACCAAGTGAATGGCTCTCATACCTCTTATTACCC 1418 | | | | |
| Qy | RESULT 16 | | | | |
| Qy | US-0-140-274-189 | | | | |
| Qy | Sequence 189 Application US/10140274 | | | | |
| Qy | Publication No. US20030143674A1 | | | | |
| Qy | GENERAL INFORMATION: | | | | |
| Qy | APPLICANT: Baker, Kevin P. | | | | |
| Qy | APPLICANT: Beresini, Maureen | | | | |
| Qy | APPLICANT: DeForge, Laura | | | | |
| Qy | APPLICANT: Desnoyers, Luc | | | | |
| Qy | APPLICANT: Filaroff, Ellen | | | | |
| Qy | APPLICANT: Gao, Wei-Liang | | | | |
| Qy | APPLICANT: Gerritsen, Mary E. | | | | |
| Qy | APPLICANT: Goddard, Audrey | | | | |
| Qy | APPLICANT: Godowski, Paul J. | | | | |
| Qy | APPLICANT: Gurney, Austin L. | | | | |
| Qy | APPLICANT: Sherwood, Steven | | | | |
| Qy | APPLICANT: Smith, Victoria | | | | |
| Qy | APPLICANT: Stewart, Timothy A. | | | | |
| Qy | APPLICANT: Tumas, Daniel | | | | |
| Qy | APPLICANT: Watanabe, Colin K | | | | |
| Qy | APPLICANT: Wood, William | | | | |
| Qy | APPLICANT: Zhang, Zemin | | | | |
| Qy | TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC | | | | |
| Qy | TITLE OF INVENTION: ACIDS ENCODING THE SAME | | | | |
| Qy | FILE REFERENCE: P33101C161 | | | | |
| Qy | CURRENT APPLICATION NUMBER: US/10/140,274 | | | | |
| Qy | FILING DATE: 2002-05-06 | | | | |
| Qy | PRIOR APPLICATION removed - See File Wrapper or Palm | | | | |
| Qy | NUMBER OF SEQ ID NOS: 550 | | | | |
| Qy | SEQ ID NO: 119 | | | | |
| Qy | LENGTH: 2150 | | | | |
| Qy | TYPE: DNA | | | | |
| Qy | ORGANISM: Homo Sapien | | | | |
| Qy | US-10-140-274-189 | | | | |

Db 1373 TAAGCACCCAGGAGTGAATGTCTCATACCTCTTATTACCC 1418

| | | | | |
|-----------|---|-------------------|----------------------------------|---|
| SEQ ID NO | 18 | US-10-140-807-189 | Score 146 8; DB 12; Length 2150; | Qy 664 GCCAGGAGACCACCGTACAGGGCTCATTAAGGAGCTTCCATAGGGCTCTCGGAC 723 |
| ; | Sequence 189, Application US/10140807 | ; | ; | Db 593 ACAAGATAAACATATGGCCAATGTTAAGATTCCTGTCAAGAAAAGATC 652 |
| ; | PUBLICATION NO. US2003013454A1 | ; | ; | Qy 724 ACATPATCAAGTAGGAGGCCATGTCCCCACTTGCCACAGGCAATGAGCCATGG 783 |
| ; | GENERAL INFORMATION: | ; | ; | Db 653 ATGTTAAAGGTGAGCCAGTACAGAGGCCATGAGAGTCTGGTGCACCATCC 712 |
| ; | APPLICANT: Baker, Kevin P. | ; | ; | Qy 784 AAGTCTTCCAGTGGCCCGA - - GATGGACAGGAGGCCATGTCCCCACTTGCCACAGGCAATGAGCCATGG 840 |
| ; | APPLICANT: Bersini, Maureen | ; | ; | Db 713 TGCTCTATCAAGTGCAGAACATTTAACGAGCCGTTCTGGATGGCACAGTGCT 772 |
| ; | DeForge, Laura | ; | ; | Qy 841 ACTCAAAGTAGTGAACACCGACCGCCTAACACTACTGCCAACGTTGGCCCTGGCCC 900 |
| ; | Desnoyer, Luc | ; | ; | Db 773 ATCACCCAAACATGCCGATGCCATCTACCTGTGAAACTGTGATTTTGCTCGGCTA 832 |
| ; | Filvaroff, Ellen | ; | ; | Qy 901 TGGTGGCAAGGCAATTACTACCCAGGAAAGCCGCTTGGGGTCAAGGGT 960 |
| ; | Gao, Wei-Qiang | ; | ; | Db 833 TGGTGGAGGGCTTCTATCCACCTCATGTTGATATTCCCTGGACTCTCAATTAG 892 |
| ; | Gerritsen, Mary E. | ; | ; | Qy 961 CCTCCAGATATCTCCGCTGGAGTTCACTACCAACCCACTGGTATGAAAGCGAA 1020 |
| ; | Goddard, Audrey | ; | ; | Db 893 ATCCGATTATCTGTCTAGTGCATPATGATAATCCACATTTGAGGAAAGCTTAA 952 |
| ; | Godowski, Paul J. | ; | ; | Qy 1021 AGGACTCTCGGCACTGGCACTGGCTGTACTACAGGAACTGGGGCTTCAACCGGGGA 1080 |
| ; | Gurney, Austin L. | ; | ; | Db 953 TAGATTAATTCTGGACTGAGGTATTATTTACAAATGATAATGATCTGGGG 1012 |
| ; | Hillwood, Steven | ; | ; | Qy 1081 TCATGGAGCTGGACTGGTGTACACCCACTGTACGGCCATTCAACACGGGACCCGCT 1140 |
| ; | Smith, Victoria | ; | ; | Db 1013 TGGTGGCTGGCTCTGGCTTGAGCTCTTCCATACATCCCTCAGGATGCTGAGT 1072 |
| ; | Stewart, Timothy A. | ; | ; | Qy 1141 TCATCTCACYTGGPACTGAGGAACTCCAGCTGGGACTG-----CCTC 1191 |
| ; | Tumas, Daniel | ; | ; | Db 1073 TCCAGTCTGAGGGTCTGTGACTTTGAGTGTGCTGGAGGGCTTGAGGCCAAAGC 1132 |
| ; | Watanabe, Colin K | ; | ; | Qy 1192 CCTCCGGGATCACATCTCGCCCTCACGTCACACACCCACTGGGAAAGGTGG 1251 |
| ; | Wood, William | ; | ; | Db 1133 CAAGTGAATTCATGGTGTCTCCATGCTACCTGGCTGGAGGCTCA 1192 |
| ; | Zeman, Zemin | ; | ; | Qy 1252 TCACAGTGTGTGTCGGAGGGGGGGAGTGTGACCCAGGAAATCTACATACA 1311 |
| ; | Zhang, SEMIN | ; | ; | Db 1193 GGCTGGTCAATTTCGAAGGAAGAAATGAAATTACTTCGCTATGATGATTTG 1252 |
| ; | TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC | ; | ; | Qy 1312 GCCCTGAACCTCCAGGAGTCGCACTGGGAGTGTGGTGGAGATCTGGGAGATC 1371 |
| ; | FILE REFERENCE: P330R1C174 | ; | ; | Db 1253 ACTTCATTTCCAGGTTCTATCTAAAGGAAGAACAAATCTTACCAAGGAGATA 1312 |
| ; | CURRENT APPLICATION NUMBER: US/10/140,807 | ; | ; | Qy 1372 TGCTCATCACCTCTGAGCTCACACAGGAAGACCCGGAGCTGGCACAAGTGGGGCT 1431 |
| ; | PRIOR FILING DATE: 2002-05-07 | ; | ; | Db 1313 ACCTTAATTACTGACTGTGCTTACAGGAAGATAAGGCTGAGATCTACCA 1477 |
| ; | PRIOR APOLOICATION REMOVED - See File Wrapper or Palm | ; | ; | Db 1373 TAAGCCACGGAGTGAATGTTTATTACCC 1418 |
| ; | NUMBER OF SBQ ID NOS: 550 | ; | ; | ; |
| ; | SEQ ID NO 189 | ; | ; | ; |
| ; | LENGTH: 2150 | ; | ; | ; |
| ; | TYPE: DNA | ; | ; | ; |
| ; | ORGANISM: Homo Sapien | ; | ; | ; |
| ; | US-10-140-807-189 | ; | ; | ; |
| ; | ; | ; | ; | RESULT 19 |
| ; | ; | ; | ; | US-10-140-922-189 |
| ; | ; | ; | ; | ; Sequence 189, Application US/10140922 |
| ; | ; | ; | ; | ; Publication No. US20030138883A1 |
| ; | ; | ; | ; | GENERAL INFORMATION: |
| ; | ; | ; | ; | APPLICANT: Baker, Kevin P. |
| ; | ; | ; | ; | Beresini, Maureen |
| ; | ; | ; | ; | DeForge, Laura |
| ; | ; | ; | ; | Desnoyer, Luc |
| ; | ; | ; | ; | Filvaroff, Ellen |
| ; | ; | ; | ; | Gao, Wei-Qiang |
| ; | ; | ; | ; | Gerritsen, Mary E. |
| ; | ; | ; | ; | Goddard, Audrey |
| ; | ; | ; | ; | Godowski, Paul J. |
| ; | ; | ; | ; | Gurney, Austin L. |

; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330F1C179
 ; CURRENT APPLICATION NUMBER: US10/140,922
 ; CURRENT FILING DATE: 2002-05-07
 ; PRIOR APPLICATION removed - See Palm or File Wrapper
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO: 189
 ; LENGTH: 2150
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 ; US-10-140-922-189

Query Match 5.4%; Score 146.9; DB 12; Length 2150;
 Best Local Similarity 47.3%; Pred. No. 1.2e-29;
 Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

Qy 187 GCTACACCAGGGCCATCCATTTCAGCCTCTGAGGCTCAAGGCTCGTCC 246
 Db 119 GCTGGGCCAGGGGGAGCCAGATGCTTCGCTCAGTGCAGCTACG 178
 Qy 247 TG--TTTGGGATGTGGCACGGGGAGCTTGAAACGAGATCTGCTGGCTCGA 303
 Db 179 TGGGCTTGGGTTCTGGCCACCCGGGCATGGCTGGGACATCGTGTGGGG 238
 Qy 304 CGATGGGAGACTGCTATTTCGGAGCTGGCTGAGTGAACATGCCACC 363
 Db 239 TGGATCCCACGGGACTTACAGGCTCTGGAGGGCTGACCC 423
 Qy 364 TGGATCCCACGGGACTTACAGGCTCTGGAGGGCTGACCC 423
 Db 299 AAGATGCTCAAGATTACCATGATAATGCGATGGAAAATAGAACACAAATA 358

Qy 424 TGCTTTTCAAGAGGCCCTTGGCACCTGGGACCCGAGGATTACCTCATGAAAGACGGCA 483
 Db 359 TTGAATTACAGAGGCTACATGTGACATAAATGCAAGAGTAAACGGATAGCCA 418

Qy 484 CTGTCCACTTGGCTPAGGGATCTGGAGGCCCCCTCCGGTCACTGGGCCATCAACG 543
 Db 419 CTGTGAGAGCTGATCTGGGCTPACCACTGGAGGATGGCAGGCTCTGGTCCAGTAC 478

Qy 544 GCTCGGGCTCTCAGATGGCTGAGGCTGAGGGTGCAGCTCTGAAAGGCCAATATCCCGAAC 603
 Db 479 ---ATGACTCCAAATAGGGCACCAAGATGGCTGGTTATGAACTCTGAAAAC---TA 532

Qy 604 CGGAGTTGGCCCTCAGAGCTGGCACCATGGAGGTCAAGCTCCAAATACAGATCCAGTCC 663
 Db 533 CTGTGCTATCTACAGCTTACCATCTGTCTGGTAATCAGAACGCTCCCATCCCA 592

Qy 664 GCCAGGAGACCAAGCTACTGGCTCATTAAGGCTCAAAGGGCTCTCGAACCC 723
 Db 593 ACAAAAGATAACATAATGGTGCCTAACATTGTGTTAAGATTCTGTGTTCAAGGGCT 652

Qy 724 ACATPATCAAGTCAAGGCCATCGTCAACAGGGCAATAGGGCTCAAAGGGCTCTCGAACCC 783
 Db 653 ATGTAATAAGTGTGAGCAGTGTAGCAAGAGGGCTAGAGTGTGGCACCATCC 712

Qy 784 AAGTCTTCAGTGCGCCCGA--GATGAGCAGGGTCCCTCCACCTTCAGGGGCCCTGG 840
 Db 713 TGCTCTATCTACGTGAGCAAGACTTAAACGAGCTTACCTGTGAGTGTGGT 772

Qy 841 ACTCCAGATGAAACCCAGCCCTOAACTACTGGCAGCTGGTGTGGGCCCTGGCC 900
 Db 773 ATCACCCCAAATGCCGAGTCATTCCTCACCTGTGAAACTTGTGATTTGCTGGCTA 832

Qy 901 TGGGTGCCAAGCATTAACTACCCAGGAAAGGGCCCTGGGCTCAGGGT 960

Db 833 TTGGGAGAGGGCTTTCTTATCCACCTCATGTTGATTATCCCTGGCACTCCATTAG 892
 Qy 961 CCTCCAGATATCTGCCCTGGAAAGTCACTACCAACCCACTGGTGTGATGAAAGACGAA 1020
 Db 893 ATCCGATPATGTGTCTCPAGAATGCTTATGATAATCCCACTATGAGGAAAGCTTAA 952
 Qy 1021 ACGACTCTCAGGCTCCGGTGTGACTACAGCAGCTGCGGCTCAACGGGGAA 1080
 Db 953 TAGATTAATTGGACTGGACTGGTGTGAGGTATTAGCAATGGATAATGATGTTGGGG 1012
 Qy 1081 TCATGGAGCTGGACTGGTGTGACTGATGCCACTGATGTTGACCGGGAGACGCC 1140
 Db 1013 TGATGAGGTGGCTCTGGTAGCCCTTCCATACCATCCCTCAGGATGCTGTAGT 1072
 Qy 1141 TCATCTCTACTGGCTACTGACGACGCTGGCAACTGACCTGACTGAGCTG 1191
 Db 1073 TCCAGCTGAGGTGACTGACITGGATGGCTGCTGAAAGGGCTTGGAAAGGAAAGC 1132
 Qy 1192 CCTCCGGATCCACTCTGGCTCTCACTCCACACACACTGACTGGAGAAAGGTGG 1251
 Db 1133 CAAGTGAATTCATGTTGTTGCTTCTTCATGCTGCTGACTCTGGAGACCATCA 1192
 Qy 1252 TCACGTTGCTGCTGGAGGCTGGAGATCGTGAACAGCATCTACA 1311
 Db 1193 GGCTGGCTATTTTGAAAGGGAAATGAAATTACTGCTATGATGTTTGG 1252
 Qy 1312 GCCCTCACTTCCAGGAGATCGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1371
 Db 1253 ACTGAAATTCCAGGATTCAGATCTACGATCTACCAACATCTACCA 1312
 Qy 1372 TGCTATCACCTCTGGCTACAGTGTGAGGAGCTGGAGCTGGCCACAGTGGGGCT 1431
 Db 1313 ACCPATTACTGAGTGTGCTGCTGAGTGTGAGTGTGAGTGTGAGTGA 1372
 Qy 1432 TCGGATCCCTGGAGGAGATGTGAGTGTGAGTGTGAGTGTGAGTGA 1477
 Db 1373 TAAGGACCAAGGAGTGAATGTGTCTCATACCTTATTACCC 1418

RESULT 20

US-10-140-924-189

Sequence 189, Application US/10140924
 ; Publicaton No. US20030134355A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Bersini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Flivatoff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smth, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tunas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zamin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330R1C177
 ; CURRENT APPLICATION NUMBER: US/10/140,924
 ; CURRENT FILING DATE: 2002-05-07
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO: 189
 ; LENGTH: 2150
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien

US-10-140-924-189

| | | | |
|---|---|-----------|---|
| Query Match | 5 4% ; Score 146.8 ; DB 12; Length 2150; | Qy | 1192 CCTCCGGATCCACATCCTGCCCTCAAGTCACACACCTTGACCTGGAGAAAGCTGG 1251 |
| Best Local Similarity 47.3% ; Pred. No. 1.2e-29; | Pred. No. 1.2e-29; | Db | 1133 CAAGTGAATTCACTGTTGCTTCATGTCCTCATGC 1192 |
| Matches 618; Conservatory 0; Mismatches 667; Indels 21; Gaps 5; | | Qy | 1252 TCACATGTGCTGTCGGGAGGGAGATGTGACCAAGACATCACTACA 1311 |
| Db | 119 GCTGGAGCGCCGCGGAGCAGTCGGCTTCAGGTGCACTGGCTCC 246 | Db | 1193 GGCTGCTATTTGAAAGGAGAAATGAATGAAATCTATGATGATGTTG 1252 |
| Qy | 187 GCTAACCCCCAGGGGCCATTCACACTCCACTCTGGGGAGCTTAAGGGCTCC 246 | Qy | 1312 GCCCTCACTTCCAGAGATCGGATGTTGAAGAGGAGTGGAGATCTGGAGATG 1371 |
| Db | 119 GCTGGAGCGCCGCGGAGCAGTCGGCTTCAGGTGCACTGGCTCC 246 | Db | 1253 ACTCAATTCCAGGTTTCACTATCTAAAGAGAACAACTTACAGGAGATA 1312 |
| Qy | 247 TG---TTGGATGTCGACCTGAGCTGAGCTTCGGTGTGACTGGTAGC 178 | Qy | 1372 TGCTCATCACCTCTGCACTGACAAAGGAGCTGGGACAGCTGGGGCT 1431 |
| Db | 179 TGGCTTCGCTTCGGCCACGGGCTTCGGGAGATCTGGCTCC 303 | Db | 1313 ACCTAATTACTGAGTGTGGCTACAAAGAGATAGAGCTGAGAAGCTGGGAGAC 1372 |
| Qy | 304 CGATGGGACACTGSCCTATTTCGGAGCCGCTGGAGATCCAC 363 | Qy | 1432 TCGGATCTGGAGAGATGTTGAGCTTAACTGACTTACCTACCC 1477 |
| Db | 239 TGGCCACGGGGCCGCTACCTCCAGGTTATTCAAAATGAGGTTCAA 298 | Db | 1373 TAAGCACCAAGGAGTGAATGTTTATTACCC 1418 |
| Qy | 364 TGGATCCCGAGGAGACTACCAGTGTGCTGAGGTGGAGGACCCC 423 | | |
| Db | 299 AAGATGCTAGAAGATACCACCTAGATACTGAAATAAGCACACAAATAA 358 | | |
| Qy | 424 TGCTTTCAAGGGCCCTTGGCACCTCGAACCTGAGTAACTCTGAAAGGCGA 483 | | |
| Db | 359 TTGATTACCAAGGGCTACATGACATAATGAAAGTAAAGGATAGCA 418 | | |
| Qy | 484 CTGTCACATGGCTACGGGACTCTGAGGATACATGAAAGTAAAGGATAGCA 418 | RESULT 21 | US-10-140-926-189 |
| Db | 419 CTGAGGATGATCTGGCTTACCAATGAGATGGAGCTGGTCCAGTAC 543 | | ; Sequence 189, Application US/10140926 |
| Qy | 544 GCTGGGGCTGCAAGATGGGGTCAAGGTTCTGAGGCTCAATATCCCAGAC 603 | | ; Publication No. US20030134355A1 |
| Db | 479 --ATGACTCCATTAGGGCACCAAGGTTGGAATCTGAAATACTGAAAC--TA 532 | | ; GENERAL INFORMATION: |
| Qy | 604 CGGAGITCCCTCAAGGGTGCACCATGGGTCCAAGCTCCAAATTCAGATCCCCA 663 | | ; APPICANT: Baker, Kevin P. |
| Db | 533 GTCGTCTATCTACGGCTTACACTTGTATCTGTAAATCAGGCTCCCATCCCA 592 | | ; APPICANT: Beresini Maureen |
| Qy | 664 GCGAGGACCAAGCTGTTCTGAGGCTTCAAAGGGCTCTCTGGCAC 723 | | ; APPICANT: Desnoyers, Luc |
| Db | 593 ACGAGATACACATATTGGTCCAAATGTTAAAGATTCCTGGTCTCAAGAACATC 652 | | ; APPICANT: Filvaroff, Ellen |
| Qy | 724 ACATTATCAAGTACGGCCATCTGGTACACAGGGAAATGAGGCCCTGGCACATG 783 | | ; APPICANT: Gao, Wei-Qiang |
| Db | 653 ATGTAATAAAGCTTGGCACTGAGACTGAGGECATACAGAGGGCCAT 652 | | ; APPICANT: Gerritsen, Mary E. |
| Qy | 784 AAGTCTTCAGTGGCCATCTGGTACACAGGGAAATGAGGCCCTGGCACATC 712 | | ; APPICANT: Goddard, Andrej |
| Db | 713 TGCTCTATCTACGTGAGCAAACTTAAACGAGGTGGTGTGGCTCCAGAGTCT 772 | | ; APPICANT: Godowski, Paul J. |
| Qy | 841 ACTCCAGATGAAAACCGGCCATCTGGTACACTGCGCCAGCTGGCTGGCCC 900 | | ; APPICANT: Gurney, Austin L. |
| Db | 773 ATCACCCAACTGCGGATCTACCTTGATGCTGATGTTGGCTGGCTGGCTA 832 | | ; APPICANT: Sherwood, Steven |
| Qy | 901 TGGTCCAAAGGCATTCTACCCAGGAAAGCGGCCCTGGCTTGGGGCTCAGGT 960 | | ; APPICANT: Smith, Victoria |
| Db | 833 TTGGTGAAGGGCTTCTACCTCATGTTGATGTTGATCTCCCTAG 892 | | ; APPICANT: Stewart, Timothy A. |
| Qy | 961 CCTCCAGATGTCGGCCGAATTCACTACCAACCACTGGTATGAGGAGAA 1020 | | ; APPICANT: Tuma, Daniel |
| Db | 893 ATCCGATATGTCGCTTAAAGCTTCACTCTGAAACTCCATTATGAGGCTTA 952 | | ; APPICANT: Watanabe, Colin K. |
| Qy | 1021 AGCACTCCATTAGGATCCGCTTGTACTACAGCCAACTGGCTGGCTGGGG 1080 | | ; APPICANT: Wood, William |
| Db | 953 TAGATAATTCTGGACTGAGTATTACATGGATATAATGATGTTGG 1012 | | ; APPICANT: Zhang, Zemin |
| Qy | 1081 TCATGGATGCTGAGCTGGTACAGGCTGATGGCTTACCCAGGGAGCC 1140 | | TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEAR |
| Db | 1013 TGATGGATGCTGAGCTGGCTTCGGCTTCCATCCATTCACTGGATGCTGAGT 1072 | | TITLE OF INVENTION: ACIDS ENCODING THE SAME |
| Qy | 1141 TCATCTCTCTACTGGTACCTGGTACGGACTGCTGGCTGGCTGGCTGG 1191 | | FILE REFERENCE: F330R1C187 |
| Db | 1073 TCCAGTCTGAGGTCACTGCACTTGGCTTACCTCCATTAGCTGGTGA 1132 | | CURRENT APPLICATION NUMBER: US/10/140-926 |
| Qy | | | CURRENT FILING DATE: 2002-05-07 |
| Db | | | PRIOR APPLICATION REMOVED - See File Wrapper or Palm |
| Qy | | | NUMBER OF SEQ ID NOS: 550 |
| Db | | | SEQ ID NO: 189 |
| Qy | | | LENGTH: 2150 |
| Db | | | TYPE: DNA |
| Qy | | | ORGANISM: Homo sapien |
| Db | | | US-10-140-926-189 |
| Qy | | | Query Match 5.4%; Score 146.8 ; DB 12; Length 2150; |
| Db | | | Best Local Similarity 47.3% ; Pred. No. 1.2e-29; |
| Qy | | | Matches 618; Conservative 0; Mismatches 657; Indels 21; Gaps 5; |
| Qy | | | 187 GCTACACCCAGGAGCCATCCATTTCAGCTCTGGCTGGCTGGCTCC 246 |
| Db | | | 119 GCTGAGCCAGGGCTCCAGCTTCCGGCTCCAGATGGGACTCAGGTTACG 178 |
| Qy | | | 247 TG---TGTGGGATGCTGCACTGGGAGCTGGTGTGGCTCTGGGA 303 |
| Db | | | 179 TGCGCTTCGGCTTCGCCCCACGGGCTCAGGCTGGCGACATGTCCTGGGG 238 |
| Qy | | | 304 CCCATGGGGACACTGGCTATTGGACGCTGGCTGGAGCTGGAGCTCACC 363 |
| Db | | | 239 TGGCCACGGGGCCCTAACCTCCAGGATTATTAAATGCAATAGAGTGA 298 |

| | | | |
|----|--|----|---|
| Qy | 364 TGGATCCAGGAGTACCCAGCTGGCACCTGGAGGGACCCAGAAGGCCCTGACCC 423 | Db | 1373 TAAGGACCAGGAGTGAATGTCTCATCCTTTATTACCC 1418 |
| Db | 299 AAGATGCTCACCAAGTACATCTGAAATAATGCAACACAGATAAA 358 | | |
| Qy | 424 TGCTTTCAGAGGCCCTTGGCACCTGGAGGATTACCTCTATGAAAGGCCA 483 | Db | RESULT 22 US-10-141-698-189 |
| Db | 359 TTGAATTACAGAGGCTGACATACATGTCATATAATGCAAGAGTAAATGCAACACAGATAAA 418 | | ; Sequence 189, Application US/10141698 ; Publication No. US2003013435TA1 ; GENERAL INFORMATION: |
| Qy | 484 CTGTCACCTGGTCTAGGGATCCTGCTGGCCATCGAACG 543 | Db | / APPLICANT: Baker, Kevin P. / APPLICANT: Bersini, Maureen / APPLICANT: DeForge, Laura / APPLICANT: Desnoyers, Luc / APPLICANT: Filvaroff, Eileen / APPLICANT: Gao, Wei-Qiang / APPLICANT: Gerritsen, Mary E. / APPLICANT: Goddard, Audrey / APPLICANT: Godowski, Paul J. / APPLICANT: Gurney, Austin L. / APPLICANT: Sherwood, Steven / APPLICANT: Smith, Victoria / APPLICANT: Stewart, Timothy A. / APPLICANT: Tunians, Daniel / APPLICANT: Watanabe, Colin K. |
| Db | 419 CTGTGAGGTGATCTGGCTPACCCATGAGTCAGGAGGACTCTGGCCATCGAAC 478 | | |
| Qy | 544 GCTCGGGCTCAGTCAGGGCTGCAGGGTGCAGGGCTCTGAAGGCCAATATCCCGAAC 603 | Db | |
| Db | 479 ---ATGACTCCAAATAGGGACCAAGAGTTGGTAAATGAGAAGAAG---TA 532 | | |
| Qy | 604 CGGAGTTGCCCTCAGACGGCTGACCATGGCTCCAAATATCCAGATCCCCA 663 | Db | |
| Db | 533 GTGTGCTATCTACAGCCTTACCATACTTGTCTGCTAAATCAGAACGTCCTCCATCCCA 592 | | |
| Qy | 664 GCGAGGAGAACGACTGACTGGTGTACATTAAGGAGCTTCAAAGGGCTCTCTCGAAC 723 | Db | |
| Db | 593 ACAAAGATAGAACATATTGGGCCAAATGTTTAAGATTCTGTGTTCAGAACAGATC 652 | | |
| Qy | 724 ACATPATCAAGTACAGGCCATCGTCACCAAGGGCATGAGGCCCTGTCACCATGG 783 | Db | |
| Db | 653 ATGTAATAAGTTGAGCAGTGTACAGAGGACATGAGGAGTCTGGTCACCATCC 712 | | |
| Qy | 784 AAGTCTTCAGTGCGCCCGA---GATGCCAGGGTCCCACCTAGGGCTCCCTGCG 840 | Db | |
| Db | 713 TGCTCTATACTGACCAACACCTAACGACAGCTTAAACGACAGCTTAA 772 | | |
| Qy | 841 ACTCCAGATGAAACCGACGCCCTAACATGCGCACATGCGCACATGCGCAC 900 | Db | |
| Db | 773 ATCACCCCCAACATGCCGATGATCCACCTCTAACATGCGCACATGCGCAC 832 | | |
| Qy | 901 TGGGTGCCAAGGATTTAATACCCAGGAAAGGGCCTTGCCCTGGGTCAAGGGT 960 | Db | |
| Db | 833 TTGGTGGAGGGGTTCTTATCACCTCATGTTGATATCCCTGGACITCCATTG 892 | | |
| Qy | 961 CCTCCAGATATCTCGCCTGGAAAGTTCACATACCAACCCACTGGTATGAGAACGAA 1020 | Db | |
| Db | 893 ATCCGGATTATGTCCTGTCATAGAACTTATGATAATCCACTATGAGGAAGCTTAA 952 | | |
| Qy | 1021 AGCACTCTCAGGATCTGGTGTACTAACAGGAAAGCTTAAACCGGGAA 1080 | Db | |
| Db | 953 TAGATAATTCTGGACTGGATTATTTACAAATGATAATGAAATATGATCTGGG 1012 | | |
| Qy | 1081 TCATGGAGCTGGACTGGTACAGGCCACTGATGGCTACCCACCGAGGCCCT 1140 | Db | |
| Db | 1013 TGATGGCTGGCTCTGGCTTACCCATCACCCATGGGATGCTGACT 1072 | | |
| Qy | 1141 TCATCCTCACTGGFACTGGACAGGGACAATGCACTGGCAGCTGGCACTG------CTCT 1191 | Db | |
| Db | 1073 TCCAGTCCTGGGGTCACTGTCACCTGGTCTGGCTCGAAAGGGCTCTGGAGGCCAAAGC 1132 | | |
| Qy | 1192 CCTCGGGATCACATCTGGCTTCACTGTCACCTGGTCTGGCTCGAAAGGGCTCTGGAGGCC 1251 | Db | |
| Db | 1133 CAATGGGAAATCATGGTCTGGCTTCTCCATGGTCACTGGCTGGAGGCCATCA 1192 | | |
| Qy | 1252 TCACAGTGGCTGGTCCGGGAGCTGGGAGATCTGAAACCGGACAATCACTACAA 1311 | Db | |
| Db | 1193 GGTCCTGTCATTTGCAAAAGGGAAATTAATCTGGCTATGTTGATCTGGT 1252 | | |
| Qy | 1312 GCCCTCACTTCAGGAGATCCGCATGTTGAAAGGGTCTGGCTCTGGGAGATG 1371 | Db | |
| Db | 1253 ACTTGAATTCTGGGGTCACTGTCAGTCACTGGAAACAAACAAATCTAACAGAGATA 1312 | | |
| Qy | 1372 TGCTGATCACTCTCTGCACTAACAGGAGCTGGCTGGCTGGAGGGGT 1431 | Db | |
| Db | 1313 ACCTAAATTACTGAGTGTGTCATACACGAAAGTAGAGCTGGAGGAGC 1372 | | |
| Qy | 1432 TCGGGATCCTGGAGGAGATGTGTGTCAACTACAGTGCACACTACTACCC 1477 | Db | |

901 TGGGTGCCAAGCCATTTACTACCCAGGAAGGGCGCCRTGCCCCRTGGGGTCCAGGGT 960
 833 TTGGTGAGAGGGCTTTCTATCACCTCATGTTGATATCCCCTGGACTCTTAG 892
 Db 893 ATCCGATTTATGTCCTAGTCATGTCCTAGTCAGTCACTATGATACTTCCAGCTTAA 952
 Qy 961 CCTCCAGATATCTCCGCCTGGAAAGTTCACATACCAACCCACTGGTGTGATAGAAGGAGAA 1020
 Db 953 ATCCGATTTATGTCCTAGTCATGTCCTAGTCAGTCACTATGATACTTCCAGCTTAA 952
 Qy 1021 AGGACTCTCAGGCATTCGGCTGTACTACAGCCAGGCTAACCGGGCTAACCGGGGA 1080
 Db 953 TAGATAATTCTGGACTGGTTATTTACAAATGGATAAGGAATAATGATGTGGGG 1012
 Qy 1081 TCATGGAGCTGGAGCTGGTACACCCAGTGTACGGTACCCAGGAGACGGCT 1140
 Db 1013 TGATTCAGGCTGGCTCTGGCTTGAGCTGGCTTCATACCATCCTCCAGGATGCTGAGT 1072
 Qy 1141 TCATCCCTCACTGGTACTGGCAGGGACAAGGTGACCCAGGCTGGCACTG-----CCRC 1191
 Db 1073 TCCAGPTCTGAGGGTCACTGGTACTGGTACTGGTACTGGTACCTGGCTGGAAAGGGC 1132
 Qy 1192 CCTCCGGATCACATCTCCCTCTCAGCTCCACACACCTGACTGGAGAAAGGTGG 1251
 Db 1133 CAAGTSGAATTCTATGTTGTTGCTGTTCTCCATGCTACCTGGCTGGAGGCACTCA 1192
 Qy 1252 TCACAGTGTCTGGCTGGGAAGGGGGAGATCTGGTAAACAGGAACTACATACA 1311
 Db 1193 GGCTGGCTCATTTGGAAAGGGGAAATGAAATTACTCTGGCTATGATGATGATTGTG 1252
 Qy 1312 GCCCTCACTTCAGGAGATCGGCACTGGTCAAGAAGTGTGCTGCTCCATCGGGAGATG 1371
 Db 1253 ACTTCATTTCCAGGTTCACTGGTCACTGGTCACTAACACAACTCTTACCAAGGAGATA 1312
 Qy 1372 TGCTCATCACCTCTGCACTGACGACGGGAGCTGGCTGGCACTGGGGGGGT 1431
 Db 1313 ACCTTAATTACTGAGCTGCTGGCTAACACAGAAAGTAGAGTGAATGACTTGGGAGAC 1372
 Qy 1432 TCGGGATCTGGAGGATGTGTCACTGGTCACTGGTCACTACTACCC 1477
 Db 1373 TAAGGACCAAGGAGTGAATGGTCTCTACACCTCTTATTACCC 1418

RESULT 24

US -10-141-704-189

Sequence 189 Application US/10141704

Publication No. US2003013459A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Gornbein, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K.

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330RIC209

CURRENT FILING DATE: 2002-05-08

Prior Application removed - See Palm or File Wrapper

SEQ ID NO: 159

LENGTH: 2150

TYPE: DNA

; ORGANISM: Homo sapien
 US-10-141-704-189
 Query Match 5 4%; Score 146 8; DB 12; Length 2150;
 Best Local Similarity 47.3%; Pred. No. 1.2e-29;
 Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;
 Matches 618;
 Qy 187 GCTACACCCGGAGGCCATCCATTCAGCTCCCTGCGAGGTCAAGGCTGGCTCC 246
 Db 119 GCTGAGGCCAGGGCTCCAGATGCGCTTCCGGCTCCTGGCTGAGCTACGGCTACG 178
 Qy 247 TG---TTGGATGTCGAGTGGAGATCTGTTGAGGAGATCTGCTGGCTGGGA 303
 Db 179 TGGGTTGGCTTCTGGCCATGGCCATGGCTCCGGCACTGCTGGCGGGGG 238
 Qy 304 CGGATGGGACACATCCCTTAATGGGACCCCTGGAGTGCACAGGGCTGCACC 363
 Db 239 TGGCCACGGGGCTACCTCCTGGGGCT 298
 Qy 364 TGGATCCCGAGGAACTACCGCTGCTGAGGTCAGAGGACCCAGAAGGGCTGACCC 423
 Db 299 AAGATGCTCAGGAGGAAATTACCATCTAGAAATATGCCATGAAAATAGCACAACAAATAA 358
 Qy 424 TGCCTTTCAAGAGGGCCCTGGACACTGGGACCCCCAGGATTACCCATTGAAAGGGCA 483
 Db 359 TTGAAATTACCAAGAGGCTGACATACATGTCACATGTCACATGTCATGATGATGAAAGTATAACGGATAGCA 418
 Qy 484 CTGRCACATGGCTACGGGATCTGGGAGGAGGGCTGGCTACCTGGAGGCCATCAACG 543
 Db 419 CTGTAAGTGTATGGCTACCACTGAGTGCAGAGTCAGATGTCAGAGTCAGTGGCCAGTAC 478
 Qy 544 GCTCGGGCTGGAGMTGGGGCTGCAAGTGGAGGGTGCAGCTCTGAAGCCCAATATCCCGAAC 603
 Db 479 --ATGACTCCAATGGGCCACCAAGAGTTGGCTTATGAACTCTGAGAAAC--TA 532
 Qy 604 CGGAGTTGCCCTAGAGCCTGACAGCCTGGAGCTGAGGTCAAGTCCCAATATCCGAACTCCA 663
 Db 533 GTGCTCTATCATGTCATCTACAGCCTTACCACTACTTGTATCTGTAATCAGGACGTCCCCTACCCAA 592
 Qy 664 GCCAGGAGGACCACTGACTGTGCACTTAAGGAGCTTCCAAAGGCTTCTCTGGCACC 723
 Db 593 ACAAGATAAACATATGGTCGCAATTTAGATTCTGTGTTCAGAAAAGGCATC 652
 Qy 724 ACATPATCAAGTAGAGGCCATCTCACAAAGGCAATGAGCCCTTGGCTCACCACATGG 783
 Db 653 ATGATAAAAGGTTGAGCCAGTGTATACAGAGGCCATGAGAGTCTGGTGCACCCATCC 712
 Qy 784 AAGTCTCCAGTGCCTGGCCCGGA---GATGAGCAGGTCCCTGACTTCAGGGCTCTGCG 840
 Db 713 TGCTCTATCATGTCAGCACAACCTTAAGCAGGTTCTGGAGTCGGCTCCACGAGTGTCTG 772
 Qy 841 ACTCCAGATGAAACCCGACGGCTCAACTACCTCCGGCAGCTGGCTGGCC 900
 Db 773 ATCACCCACATCCGGATGATCTACCTGAAACTGTGATTTGGCTGGCTA 832
 Qy 901 TGGGTGCCAAGGCATTTACTACCAAGGAAAGGGCTTGGCTTCAGGGTCAAGGGT 960
 Db 833 TTGGTGGAGGGCTCTCTTATCACCTCATGGTGGATTATCCCTGGSCACTCTGATTAG 892
 Qy 961 CCTCCAGATATCTGGCTGGGAAGTTCACTACCAACCCACTGGTATAGAAGGAGCAA 1020
 Db 893 ATCCGCAATTGTCGCTCTAGAAGTCCATATGATRATECCACTATGAGGAAAGCTAA 952
 Qy 1021 ACGACTCCCTCAGGCATGGTGTGACTACAGCCAGTGTGCTTCAGCTTCAGGGCTTGGGG 1080
 Db 953 TAGTAATTCGGAATCTGAGTTATTCACATGATAATAAGAAATATGATGTCAGTGGGG 1012
 Qy 1081 TCATGGAGCTGGACCTGGCTCCAGTGCAGTGTGCTTCAGCTTCACGGAGTCGCCT 1140
 Db 1013 TGATGGAGGCTGGCTCTGGTGGAGCTCTGGCTCTCCATACCATCCCTCAGGGATGCTGACT 1072
 Qy 1141 TCATCTCACTGGTACTGGTACCTGACGAAAGTGCACAGTGGACTG-----CCCTC 1191

| | | | | |
|---|-------|--|----|---|
| Db | 1073 | TCCAGTCTGAGGTCACTGCACTTTGGAGTGCCTGGAAAGGGCTGCCGAAAAGC 1132 | Qy | 364 TGGATCCCGAGGAGTACCACTGGCTGAGGAGCCCCAGAAGGCCCTGACCC 4 23 |
| Oy | 1132 | CCTCCGGGATCCACATCTTCGGCTCACGCTCACACACTGAGAAAGTGG 1251 | Db | 299 AAGTGGCTAGCAAGATTACCATCTAGATAATGCCATGGAAATAGCACACATAA 358 |
| Db | 1133 | CAAGTGGATTCTATGTTGTTCTCCATGTCACCTGGTGGAGGCATCA 1192 | Qy | 424 TGCTTTCAAGAGGCCCTGGACCTCGACCTGACCTGAGGTTACCTCTATTGAGAAGCGCA 4 83 |
| Oy | 1252 | TCAAGCTCTGGTCCGGACGCCGGAGTGGAGTGTGAAACAGAACATCA 1311 | Db | 359 TTGAAATTACCGAGGAGCTGGCATACATGACATAATGACAGATTAACGATAGCA 4 18 |
| Db | 1193 | GGCTGCCATTTCTGAAAAGGGAAATGAAATTCTGCTPATGATGATGTTTG 1252 | Qy | 484 CTGTCACATTGGCTACGGATCTGGAGGGCTCGGGTCACTGGAGGCCATAAACG 5 43 |
| Oy | 13112 | GCCCTCACTTCCAGGASATCCCAGTGTGAAGAAGGTCTGGGAGATG 1371 | Db | 419 CTGAGATGATCTGGCCCTACACCATGAGATGAGGAAGGGTCCCAAGTAC 4 78 |
| Db | 1253 | ACTTCATTCTCCAGGATTTCTAGTATCTAAAGAACAACTTACAGGAGATA 1312 | Qy | 514 GCTGGGCTGCGATGGGCTGAGGAGTCAGGTCCTGAGCCAAATCCCCAAC 6 03 |
| Oy | 13712 | TGCTCATACCTCCTGCACTGCACTGAGCTGCCACAGTGGGGGT 1431 | Db | 479 --ATGACTCCATAGGGCACCAGAGTTGGTATTGATCTGAGAAAAC--TA 5 32 |
| Db | 1313 | ACCTAATACAGTGTGCTGACAAAGATAAGCTGAGATGACTTGGCAGGAC 1372 | Qy | 604 CGGAGTTGCCCTAGACCGTGCACCATGGAGTCTCAGATCCCCA 6 63 |
| Oy | 14332 | TGGGATCTGAGGAGATGCTGCACTACAGTGTGACTACCTACCC 14 77 | Db | 533 GTGTGCPATCTACGCCCTACCATACTTGTCTGTAAATCAGGAGTCCCCATCCAA 5 92 |
| Db | 1373 | TAAGCACAGGAGTGAATGTCACCTTACCTTATTACCC 1418 | Qy | 664 GCGAGGAGACCACGTACTGGTCTCATTAAGGCTTCACTGGCTTCAAGGGCAATGGCCCTTCTCGGCCAC 723 |
| Db | | | Db | 593 ACRAAGATACACATATTGGTCCAAATGTTAAGTTCAGTGGCTTCAAGAAAGGATC 6 52 |
| Oy | | | Qy | 724 ACATTATAAGTAGGAGCCATGTCACCAAGGGCAATGGCCCTTGTGTCACCATGG 7 83 |
| Db | | | Db | 653 ATGATAAAAGTTGGCAGTGTGATAGAGGAGCATGAGATCTGGTGCACCATCC 7 12 |
| Oy | | | Qy | 784 AAGTCTTCCAGTGGCCCGA -- -GATGGCAGGCTCCCACTCTAGCGGGCTGTGCG 8 40 |
| Db | | | Db | 713 TGCTCATCTAGTCAGGAGAACAACTTAAACGAGCTTGTGAGTCGGCACAGGTGCT 7 72 |
| Oy | | | Qy | 841 ACTCAGATGAAACCGACGCCCTAACTAACTGCGGCGCACTGGCTTGGCC 9 00 |
| Db | | | Db | 773 ATCACCCCAAATGCGCGATGTCACCTCACCTGAAACTGTGATTTGGCTGCTA 8 32 |
| Oy | | | Qy | 901 TGGTGCACAAAGCCATTAACTACCCAGAGGAAGGCCCTGGGGTCAAGGGT 9 60 |
| Db | | | Db | 833 TTGGTGGAGGGCTTCTTATCACCTCATGTTGATPATCCCTGGACTCTATTAG 8 92 |
| Oy | | | Qy | 961 CCTCCAGATATCTCCCTGGAAAGTCTACACCAACCTGTTGATGAAAGGAGCAA 10 20 |
| Db | | | Db | 893 ATCCGATTATGTGCTCCAGTCAGTCATTGATACTCCACITATGAGAACCTAA 9 52 |
| Oy | | | Qy | 1021 ACGACTCTCTGGCTGGCTGACTACAGGCAAGTCTGGCTTAACGGGGAA 10 80 |
| Db | | | Db | 953 TAGATATTCTGGACTGAGGTATTITACACATGGATAATGATGTGGGG 10 12 |
| Oy | | | Qy | 1081 TCATGGAGCTGGACTGCTGAGCTGATGCCATTCCACCCAGGAGCCCT 11 40 |
| Db | | | Db | 1013 TGATGGAGCTGCTGAGCTGCTGGCTCTGGCTGAGCTGCTGAGT 10 72 |
| Oy | | | Qy | 1141 TCATCCTCACTGGCTACTGCACTGGCAAGCTGGCTGCACTG 11 91 |
| Db | | | Db | 1073 TCCAGTCTGAGGGTCAGTGCATTTGGAGCTGGCTGGAAAGGC 11 32 |
| Oy | | | Qy | 1192 CCTCCGGATCACATCTGGCTCTAGTCACACTGAGCTGGAAAGGTGG 12 51 |
| Db | | | Db | 1133 CAAGTGGAAATTCATGTTGCTGCTCTCCATGTCACCTGGCAGGCTCA 11 92 |
| Oy | | | Qy | 1252 TCACAGTGTGCTGGCTGGAGGGCTGGCTCTGGCTGAGCTGCT 13 11 |
| Db | | | Db | 1193 GGCTGGCTCATTTGAAAGGGAGGAATGAAATTACTTGTGATGATTTG 12 52 |
| Oy | | | Qy | 1312 GCCCTTCACTCCGAGGATCCGATCTGGCTGCTGCTGCTGCT 13 71 |
| Db | | | Db | 1253 ACTTCATTTCAGGTTCACTTACAGGAAACATCTACCTAACGAGATA 13 12 |
| Oy | | | Qy | 1372 TGCTCATCTCCGCTGCTGAGTGGCTGAGCTGGGGCT 14 31 |
| Db | | | Db | 1313 ACCTAATTACTGAGTGTGCTGCTACACAGAAAGTAACTGGGAGAC 13 72 |
| <hr/> | | | | |
| RESULT 25 | | | | |
| US-10-142-421-189 | | | | |
| ; Sequence 189, Application US/10-142421 | | | | |
| ; Publication No. US20030134350A1 | | | | |
| ; GENERAL INFORMATION: | | | | |
| ; APPLICANT: Baker, Kevin P. | | | | |
| ; APPLICANT: Beresini, Maureen | | | | |
| ; APPLICANT: DeForge, Laura | | | | |
| ; APPLICANT: Desnoyers, Luc | | | | |
| ; APPLICANT: Filzroff, Ellen | | | | |
| ; APPLICANT: Gao, Wei-Qiang | | | | |
| ; APPLICANT: Geritsen, Mary E. | | | | |
| ; APPLICANT: Goddard, Audrey | | | | |
| ; APPLICANT: Godowski, Paul J. | | | | |
| ; APPLICANT: Gurney, Austin L. | | | | |
| ; APPLICANT: Sherwood, Steven | | | | |
| ; APPLICANT: Smith, Victoria | | | | |
| ; APPLICANT: Stewart, Timothy A. | | | | |
| ; APPLICANT: Tumas, Daniel | | | | |
| ; APPLICANT: Watanabe, Colin K | | | | |
| ; APPLICANT: Wood, William | | | | |
| ; APPLICANT: Zhang, Zhenin | | | | |
| ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC | | | | |
| ; FILE REFERENCE: PCT330R1C218 | | | | |
| ; CURRENT FILING DATE: 2002-05-09 | | | | |
| ; Prior Application removed - See File Wrapper or Palm | | | | |
| ; NUMBER SEQ ID NOS: 550 | | | | |
| ; SEQ ID NO: 189 | | | | |
| ; LENGTH: 2150 | | | | |
| ; TYPE: DNA | | | | |
| ; ORGANISM: Homo Sapien | | | | |
| ; US-10-142-421-189 | | | | |
| Query Match 5.4%; Score 146.8; DB 12; Length 2150; | | | | |
| Best Local Similarity 47.3%; Pred. No. 1..2e-29; Mismatches 667; Indels 21; Gaps 5; | | | | |
| Matches 618; Conservative 0; | | | | |
| ; SEQ ID NO: 189 | | | | |
| ; LENGTH: 2150 | | | | |
| ; TYPE: DNA | | | | |
| ; ORGANISM: Homo Sapien | | | | |
| ; US-10-142-421-189 | | | | |
| ; Best Local Similarity 47.3%; Pred. No. 1..2e-29; Mismatches 667; Indels 21; Gaps 5; | | | | |
| ; Matches 618; Conservative 0; | | | | |
| ; SEQ ID NO: 189 | | | | |
| ; LENGTH: 2150 | | | | |
| ; TYPE: DNA | | | | |
| ; ORGANISM: Homo Sapien | | | | |
| ; US-10-142-421-189 | | | | |
| ; Best Local Similarity 47.3%; Pred. No. 1..2e-29; Mismatches 667; Indels 21; Gaps 5; | | | | |
| ; Matches 618; Conservative 0; | | | | |
| ; SEQ ID NO: 189 | | | | |
| ; LENGTH: 2150 | | | | |
| ; TYPE: DNA | | | | |
| ; ORGANISM: Homo Sapien | | | | |
| ; US-10-142-421-189 | | | | |
| ; Best Local Similarity 47.3%; Pred. No. 1..2e-29; Mismatches 667; Indels 21; Gaps 5; | | | | |
| ; Matches 618; Conservative 0; | | | | |
| ; SEQ ID NO: 189 | | | | |
| ; LENGTH: 2150 | | | | |
| ; TYPE: DNA | | | | |
| ; ORGANISM: Homo Sapien | | | | |
| ; US-10-142-421-189 | | | | |
| ; Best Local Similarity 47.3%; Pred. No. 1..2e-29; Mismatches 667; Indels 21; Gaps 5; | | | | |
| ; Matches 618; Conservative 0; | | | | |
| ; SEQ ID NO: 189 | | | | |
| ; LENGTH: 2150 | | | | |
| ; TYPE: DNA | | | | |
| ; ORGANISM: Homo Sapien | | | | |
| ; US-10-142-421-189 | | | | |
| ; Best Local Similarity 47.3%; Pred. No. 1..2e-29; Mismatches 667; Indels 21; Gaps 5; | | | | |
| ; Matches 618; Conservative 0; | | | | |
| ; SEQ ID NO: 189 | | | | |
| ; LENGTH: 2150 | | | | |
| ; TYPE: DNA | | | | |
| ; ORGANISM: Homo Sapien | | | | |
| ; US-10-142-421-189 | | | | |
| ; Best Local Similarity 47.3%; Pred. No. 1..2e-29; Mismatches 667; Indels 21; Gaps 5; | | | | |
| ; Matches 618; Conservative 0; | | | | |
| ; SEQ ID NO: 189 | | | | |
| ; LENGTH: 2150 | | | | |
| ; TYPE: DNA | | | | |
| ; ORGANISM: Homo Sapien | | | | |
| ; US-10-142-421-189 | | | | |
| ; Best Local Similarity 47.3%; Pred. No. 1..2e-29; Mismatches 667; Indels 21; Gaps 5; | | | | |
| ; Matches 618; Conservative 0; | | | | |
| ; SEQ ID NO: 189 | | | | |
| ; LENGTH: 2150 | | | | |
| ; TYPE: DNA | | | | |
| ; ORGANISM: Homo Sapien | | | | |
| ; US-10-142-421-189 | | | | |
| ; Best Local Similarity 47.3%; Pred. No. 1..2e-29; Mismatches 667; Indels 21; Gaps 5; | | | | |
| ; Matches 618; Conservative 0; | | | | |
| ; SEQ ID NO: 189 | | | | |
| ; LENGTH: 2150 | | | | |
| ; TYPE: DNA | | | | |
| ; ORGANISM: Homo Sapien | | | | |
| ; US-10-142-421-189 | | | | |
| ; Best Local Similarity 47.3%; Pred. No. 1..2e-29; Mismatches 667; Indels 21; Gaps 5; | | | | |
| ; Matches 618; Conservative 0; | | | | |
| ; SEQ ID NO: 189 | | | | |
| ; LENGTH: 2150 | | | | |
| ; TYPE: DNA | | | | |
| ; ORGANISM: Homo Sapien | | | | |
| ; US-10-142-421-189 | | | | |
| ; Best Local Similarity 47.3%; Pred. No. 1..2e-29; Mismatches 667; Indels 21; Gaps 5; | | | | |
| ; Matches 618; Conservative 0; | | | | |
| ; SEQ ID NO: 189 | | | | |
| ; LENGTH: 2150 | | | | |
| ; TYPE: DNA | | | | |
| ; ORGANISM: Homo Sapien | | | | |
| ; US-10-142-421-189 | | | | |
| ; Best Local Similarity 47.3%; Pred. No. 1..2e-29; Mismatches 667; Indels 21; Gaps 5; | | | | |
| ; Matches 618; Conservative 0; | | | | |
| ; SEQ ID NO: 189 | | | | |
| ; LENGTH: 2150 | | | | |
| ; TYPE: DNA | | | | |
| ; ORGANISM: Homo Sapien | | | | |
| ; US-10-142-421-189 | | | | |
| ; Best Local Similarity 47.3%; Pred. No. 1..2e-29; Mismatches 667; Indels 21; Gaps 5; | | | | |
| ; Matches 618; Conservative 0; | | | | |
| ; SEQ ID NO: 189 | | | | |
| ; LENGTH: 2150 | | | | |
| ; TYPE: DNA | | | | |
| ; ORGANISM: Homo Sapien | | | | |
| ; US-10-142-421-189 | | | | |
| ; Best Local Similarity 47.3%; Pred. No. 1..2e-29; Mismatches 667; Indels 21; Gaps 5; | | | | |
| ; Matches 618; Conservative 0; | | | | |
| ; SEQ ID NO: 189 | | | | |

| | | | |
|---|---|---|------|
| Qy | 1432 | TGGGATCTGGAGGAGATGTGTCAACTACAGTGCACTACTACCC | 1477 |
| Db | 1373 | TAAGCACCGAGTGAATGTCTCATACCTCTTTATTACCC | 1418 |
| RESULT 26 | | | |
| US-10-142-432-189 | | | |
| Qy | Sequence 189, Application US/10142432 | | |
| Db | Publication No. US20030134361A1 | | |
| GENERAL INFORMATION | | | |
| Qy | APPLICANT: Baker, Kevin P. | | |
| Db | APPLICANT: Beresini, Maureen | | |
| Qy | APPLICANT: DeForge, Laura | | |
| Db | APPLICANT: Desnoyers, Luc | | |
| Qy | APPLICANT: Filvaroff, Ellen | | |
| Db | APPLICANT: Gao, Wei-Diang | | |
| Qy | APPLICANT: Gerritsen, Mary E. | | |
| Db | APPLICANT: Goddard, Audrey | | |
| Qy | APPLICANT: Godowski, Paul J. | | |
| Db | APPLICANT: Gurney, Austin L. | | |
| Qy | APPLICANT: Sherwood, Steven | | |
| Db | APPLICANT: Smith, Victoria | | |
| Qy | APPLICANT: Stewart, Timothy A. | | |
| Db | APPLICANT: Tumas, Daniel | | |
| Qy | APPLICANT: Watanabe, Colin K | | |
| Db | APPLICANT: Wood, William | | |
| Qy | APPLICANT: Zhang, Zemin | | |
| TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC | | | |
| TITLE OF INVENTION: ACIDS ENCODING THE SAME | | | |
| FILE REFERENCE: P3330R1C15 | | | |
| CURRENT APPLICATION NUMBER: US/10/142,432 | | | |
| CURRENT FILING DATE: 2002-05-09 | | | |
| Prior Application removed - See File Wrapper or Palm | | | |
| NUMBER OF SEQ ID NOS: 550 | | | |
| SEQ ID NO 189 | | | |
| LENGTH: 2150 | | | |
| TYPE: DNA | | | |
| ORGANISM: Homo Sapien | | | |
| US-10-142-432-189 | | | |
| Qy | Query Match 5.4%; Score 146 8; DB 12; Length 2150; | | |
| Qy | Best Local Similarity 47.3%; Pred. No. 1.2e-29; Mismatches 667; Indels 5; | | |
| Qy | Matches 618; Conservative 0; N mismatches 667; | | |
| Db | 187 GCTACACCGAGGCCATTATTCAGGTCCTGTGGAGGTCAAGGGTCTGGTC 246 | | |
| Db | 119 GCTCGAGGCCAGCGGGCCAGATCGCCCTTCGGCTCCGGCAGGCTACG 178 | | |
| Qy | 247 TG --TTGGATGTCGACGGAGCTCGTGTGTCAGGGCTCTGGAA 303 | | |
| Db | 179 TGGCTTCGCTTCGCCCACCGGGCATGGCTCGGCAATCGTGTGGGG 238 | | |
| Qy | 304 CGATGGGACAACTGCCATTGGACCCCTGGAGTGGACAGGGCGATCCAC 363 | | |
| Db | 239 TGGCCACGGGGCTTACCTCAGGATTATTTCAGAATGGAGTTGAAA 298 | | |
| Qy | 364 TGGATCCCCAGGAGGACTACAGCTGGAGGTCAAGGGAGCCCGAGGCTGACCC 423 | | |
| Db | 299 AAGTGCCTGCAAGATTACATCTGAAATAATGCCATCACACAAATAA 358 | | |
| Qy | 424 TGGTTTCAGAGGCCCTGGACCTGGACAGGATTACCTCATGGAGAGGGCA 483 | | |
| Db | 359 TTGAATTACAGAGCTTACCATGAAAGTATACTGGATAGTAGCA 418 | | |
| Qy | 484 CTGTCACCTGGCTAACGGATCTGGGCTTCCGGTCACTGGGGCCATCAAGC 543 | | |
| Db | 419 CTGAGAGTGAATCTGGCTAACCATGAAAGTGCAGGAGCTGGTCCCAGTAGCA 478 | | |
| Qy | 544 GCTGGGCTTGCAGTGGCTGCAAGGGTCACTGGAGCTCTGGAAAC 603 | | |
| Db | 479 -- ATGACTCCTAACATGGGCCACCAAGAGTGGCTTATGAACTGAAAAC -- TA 532 | | |
| RESULT 27 | | | |
| US-10-142-767-189 | | | |
| Sequence 189, Application US/10142767 | | | |
| Publication No. US20030134362A1 | | | |
| GENERAL INFORMATION: | | | |
| Qy | APPLICANT: Baker, Kevin P. | | |
| Db | APPLICANT: Beresini, Maureen | | |
| Qy | APPLICANT: DeForge, Laura | | |
| Db | APPLICANT: Desnoyers, Luc | | |
| Qy | APPLICANT: Filvaroff, Ellen | | |
| Db | APPLICANT: Gao, Wei-Qiang | | |
| Qy | APPLICANT: Goddard, Audrey | | |
| Qy | APPLICANT: Gerrard, Mary E. | | |

APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Smith, Victoria
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P33.30R1C241

CURRENT APPLICATION NUMBER: US/10/142,767

PRIOR APPLICATION removed - See Palm or File Wrapper

SEQ ID NO: 189

LENGTH: 2150

TYPE: DNA

ORGANISM: Homo Sapien

US-10-142-767-189

Query Match 5.4%; Score 146.8; DB 12; Length 2150;
 Best Local Similarity 47.3%; Pred. No. 1..2e-29;
 Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

Qy 187 GCTACACCAGGGGCATTCATTCCAGGCTCAGGGCTCAAGGCCCTCGTGGGGAGTCAGCTGGCCTC 246
 Db 119 GCTGAGGCAGGGGAGCCAGATGCCCTCCGCCCTCAGGTGCACTGAGGYACG 178

Qy 247 TG---TTTGGCATGTCGACCGTGGCGACGTTGAAACCGAGATCTCGTGGGCTCTCGGA 303
 Db 179 TGGGTTTGGCTTCGCCAACCGGGGCATGGTCCCAGACATCTCGTGGCGEG 238

Qy 304 CCGATGGGACACTGCCTATTGGGAGCCCTGGAGTCCACCGAAGGGCGATCCAC 363
 Db 239 TGGCCACGGGGCCCTACCTCCAGGATTATTACAATGCAAATAGAGTTGAAA 298

Qy 364 TGGATCCCCAGCAGACTTACCGTGGCTCAGGTGAGGCCAGGGCTGACCC 423
 Db 299 AAGATGCTCAGCAAGATTCACATCTAGAATAATGCCATGGAAATAGCACACACATAA 358

Qy 424 TGCCTTCAAGAGGCCCTTGGCACCTGAGCCCAAGGATTACCTCATGAAAGACGCA 483
 Db 359 TTGAAATTACCAAGAGCTGCATAGTGCATAATAAGCTAAAGTAAAGTAAAGTAGCA 418

Qy 484 CTGTCACTGGTCTACGGCATCTGGAGGAGCGCTTCCGGTCACTCGGAGGCCATCAACG 543
 Db 419 CTGTGAGAGTGATGGGGTACCCATGAAGTGAAGCTGGCTCCAAAGTAC 478

Qy 544 GCTGGGGCTCTGAGATGGGGTCAAGGGTCTGAGGCTCTGAGGCCATATCCCGAAC 603
 Db 479 ---ATGACTCCAATAGGGCACCAAGACTTGGGTTATGAACTGAGAAAC---TA 532

Qy 604 CGGAGTTGCCCTAGACGGTGGACCATGAGGTCCAGCTCCAAATCCAGATCCC 663
 Db 533 GTGTGCTACCTACGCCCTACATACCTGATCTGAAATAGGAGCTGCCCATCCAA 592

Qy 664 GCGAGGAGCACTGAGTGTGTCATTAAGAGGTTCAAAGGGCTTCTCGGCCAC 723
 Db 593 ACAAAAGATAAACATATGGTGCACAAATGTTAAAGATTCTGTGTC 652

Qy 724 ACATTAACTAAGTACGAGGCCATCGTCACCAAGGGCAATGAGGCCCTTGTCACATGG 783
 Db 653 ATGTAATAGGTGAGCAAGTGTACAGAGGGCATGAGTGGTACCCACATCC 712

Qy 784 AAGCTTCCAGTGCGCCCGCA---GATGGAGACGGCTCCCACTTCAGGGCCCTGG 840
 Db 713 TGCTCTAAGTCAGTCAGAACATCTAACAGACGCCCTCTGAGTCAGGTGT 772

Qy 841 ACTCCAAAGTGAACCCGACCGCCTCAACTACTGCCAACAGTGTGGCCCTGGGCC 900
 Db 773 ATCACCCCAACATGCCCCATGCACTTCACCTGTGAAACTGTGATTTCCTGGCTA 832

RESULT 28
 US-10-143-033-189
 ; Sequence 189, Application US/10143033
 ; Publication No. US20030134363A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyer, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Waranabe, Colin K.
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P33.30R1C246
 ; CURRENT APPLICATION NUMBER: US/10/143 , 033
 ; CURRENT FILING DATE: 2002-05-10
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO: 189
 ; LENGTH: 2150

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; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062285
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/062814
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/062816
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063082
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/063127
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063327
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063329
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 60/063550
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063561
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/063704
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063733
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063735
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063738
; PRIOR FILING DATE: 1997-10-29
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064248
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/064809
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: 60/065186
; PRIOR FILING DATE: 1997-11-12
; PRIOR APPLICATION NUMBER: 60/065846
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/066453
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/069212
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069278
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069334
; PRIOR FILING DATE: 1997-12-11
; PRIOR APPLICATION NUMBER: 60/069694
; PRIOR FILING DATE: 1997-12-16
; PRIOR APPLICATION NUMBER: 60/072320
; PRIOR FILING DATE: 1998-01-23
; PRIOR APPLICATION NUMBER: 60/073612
; PRIOR FILING DATE: 1998-02-04
; PRIOR APPLICATION NUMBER: 60/074086
; PRIOR FILING DATE: 1998-02-09
; PRIOR APPLICATION NUMBER: 60/074092
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079653
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090445
; PRIOR APPLICATION NUMBER: 60/090429
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090538
; PRIOR FILING DATE: 1998-06-24

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| | | | | | |
|---|--|--|--|---|--|
| ; | ; | PRIOR APPLICATION NUMBER: 60/090863 | Db | 1013 | TGATTAGGGTGCCTCTGGTACCCATACCATTCCCTCAAGGATGCCGTGAGT 1072 |
| ; | ; | PRIOR FILING DATE: 1998-06-26 | Qy | 1141 | TCATCCTACTGGTACTGCACGCAACTGCAAGTCACCGCTGGCATG-----CCTC 1191 |
| ; | ; | PRIOR APPLICATION NUMBER: 60/091360 | Db | 1073 | TCCACTCTGAGGTAACCTTGAAAGGGCTGTGAAGCCGAAAAGC 1132 |
| ; | ; | PRIOR FILING DATE: 1998-07-01 | Qy | 1192 | CCTCGGATCCACATCTTGCCCTCAAGTCACCTGCACACAGTGGAAAGGTGG 1251 |
| ; | ; | PRIOR APPLICATION NUMBER: 60/091519 | Db | 1133 | CAAGTGGAAATTCTCATGTTGCTCTCCATGCTCACCTGCTGGAGGGCATCA 1192 |
| ; | ; | PRIOR FILING DATE: 1998-07-02 | Qy | 1252 | TCACAGTGGCTGGAGGGGGAGCTGGAAACAGGAAATCCTACA 1311 |
| ; | ; | PRIOR APPLICATION NUMBER: 60/091982 | Db | 1193 | GGCTGCTCATTTTGAALAGGAGGAATGAAATTACTTGCTATGATGTTG 1252 |
| Query Match | 5.4% ; Score 146.8 ; DB 12; Length 2150; | Best Local Similarity 47.3% ; Pred. No. 1.2e-29; | Db | 1013 | TGATTAGGGTGCCTCTGGTACCCATACCATTCCCTCAAGGATGCCGTGAGT 1072 |
| Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5; | ; | ; | Qy | 1252 | TCACAGTGGCTGGAGGGGGAGCTGGAAACAGGAAATCCTACA 1311 |
| Db | 187 | GCTACCCAGGGCCATCCATTTCAGCTCCGGAGGCTCAAGGCTGGCTC 246 | Db | 1133 | CAAGTGGAAATTCTCATGTTGCTCTCCATGCTCACCTGCTGGAGGGCATCA 1192 |
| Qy | 247 | TG---TTGGGATGTCGACCTCCAGCTCGGGAGCTCGGAGCTGGCTC 246 | Qy | 1252 | TCACAGTGGCTGGAGGGGGAGCTGGAAACAGGAAATCCTACA 1311 |
| Db | 119 | GCTGAGCAGGGCAGCAAGTCAGCTCCGGCTCAGCTGGAGCTGAGCTAG 178 | Db | 1193 | GGCTGCTCATTTTGAALAGGAGGAATGAAATTACTTGCTATGATGTTG 1252 |
| Qy | 247 | TG---TTGGGATGTCGACCTCCAGCTCGGGAGGCTCGGAGCTGGCTC 303 | Qy | 1312 | GCCMCACMPICCCAGAGTCGGCATGTTGAAGAAGGCTGGCTGCCATCGGGAGATG 1371 |
| Db | 179 | TGGGCTCGCTCTCGCCACCCGGCCATGGCTCCCGACATCGTGGCCGG 238 | Db | 1253 | ACCTAAATTCCAGAGTTCACTATCAAGAGAACAAACATCTAACAGAGATA 1312 |
| Qy | 304 | CGATGGGAACACTGCTCATTTGGGACCCCTGGAGTACCGAAGGGCAGATCCAC 363 | Qy | 1372 | TGCTATCACCTCTGGCTGACGTGCTGACACCGAAGGGAGCTGCCACATGGGGGCT 1431 |
| Db | 239 | TGGCCACGGGGCCCTACCTCCGGATTATTACATGCAAATAGAGGTGAAA 298 | Db | 1313 | ACCTAATTACTGAGCTGGCTACACGAAAGTAGAGTGTGAGTACACTACCC 1477 |
| Qy | 3664 | TGGATCCCCAGGGACTTACCACTGGCTGGAGGTGCAAGAGGACCCCAGAAGGGCTGACCC 423 | Qy | 1432 | TGCGGATCCTGGAGGAGATGTTGCTCAACTACGTCACTACTACCC 1477 |
| Db | 299 | AAGATGCTGAGCAATTCATGATAATGGCTGAAATAATGGCACACACATAA 358 | Db | 1373 | TAAGGACCAAGGTGAAATGTGCTCATACCTTATTACCC 1418 |
| Qy | 424 | TGCTTTTCAGAGGGCCTTGGCACCTGGACCCAGGATTACCTCATGAGACGGG 483 | RESULT 30 | US-10-145-628-189 | ; |
| Db | 359 | TTGAAATTACAGAGGTGACATCATGACATAATGACAGATAACAGGATAAG 418 | ; | Sequence 189, Application US/10145628 | ; |
| Qy | 484 | CTGTCACCTGGATCAGCTGGGATCCGGGATCAGATGAGTGCAGAGCTGGTCCCAGTACG 543 | ; | Publication No. US20030134365A1 | ; |
| Db | 419 | CTGTCAGAGTGTGATCTGGGCTACCCATGGAGATGAGTGCAGAGCTGGTCCCAGTACG 478 | ; | GENERAL INFORMATION: | ; |
| Qy | 544 | GCTGGGCTCTGAGATGGGGCTGCAAGGCTGGCTGCACTCTGAAAGCCAAATATCCCGAAC 603 | ; | APPLICANT: Baker, Kevin P. | ; |
| Db | 479 | --ATGACTCAATAAGGGGACCAAGAGTGTGGCTTATGAACTCTGGAAAC---TA 532 | ; | APPLICANT: Beresini, Maureen | ; |
| Qy | 604 | CGGAGTTGGCTCAGAGGGGACCATGGGTCACCTGGCAACTCTCCAAATTCAGATCCCCA 663 | ; | APPLICANT: DeGeorge, Laura | ; |
| Db | 533 | GTGTCCTATCTACGCCCTTACCATACTTGTATCTGTAATCAGCTCCCATCCCCA 592 | ; | APPLICANT: DeNooyer, Luc | ; |
| Qy | 664 | GCCAGGAGGACCACTACTGGTGTACATAAGGGCTTCAAAGGGCTCTCGGGAC 723 | ; | APPLICANT: Flivroff, Ellen | ; |
| Db | 593 | ACAAAGATACACATATTGGCTCAAATGTTAGATCTGGCTTCAAGAACGATC 652 | ; | APPLICANT: Gao, Wei-Qiang | ; |
| Qy | 724 | ACATTATCAAGTACCGAGCCATCTGTCACCAAGGGCAATAGGGCCCTTCCACCATG 783 | ; | APPLICANT: Gerritzen, Mary E. | ; |
| Db | 653 | ATGTAATAAGGTGAGCAGTATAAGAGCCATAGAAGTCAGTGCACACATC 712 | ; | APPLICANT: Goddard, Audrey | ; |
| Qy | 784 | AAAGTCTCAGGCTGGCCCGA--GATGGACAGCGTCCCGAACCTTCAAGGGCCCTCG 840 | ; | APPLICANT: Godowski, Paul J. | ; |
| Db | 713 | TGCTCTATCTAGTGTGAGCAACAACTTTAACGACAGCTGTTGGAGTCGGCTCT 772 | ; | APPLICANT: Gurney, Austin L. | ; |
| Qy | 841 | ACTCCAAGTGAACCCGGCTCAATCTGCGCCACGTCCTGGCTGGGC 900 | ; | APPLICANT: Sherwood, Steven | ; |
| Db | 773 | ATCACCCCAACATGCCGTGATCTCACCTGGTACTAGTGTGATTTGGCTGGG 832 | ; | APPLICANT: Smith, Victoria | ; |
| Qy | 901 | TGGGTGCCAAGGCAATTACTACCCAGGAGGAAGGGCTTCAGGGCTCAGGG 960 | ; | APPLICANT: Stewart, Timothy A. | ; |
| Db | 833 | TTGGTGAAGGGTTTCTTATCACCTGATGTTGATTATCCCTGGCACTCATG 892 | ; | APPLICANT: Tumas, Daniel K. | ; |
| Qy | 961 | CCTCCAGATATCTGCCGGAAGTTCACTACCAACCCACTGTCATGAGGACCA 1020 | ; | APPLICANT: Watanabe, Colin K. | ; |
| Db | 893 | ATCCGGCATATGTGTCTCTAGAAGCTCCATATTGATAATGGAAAGGCTTA 952 | ; | APPLICANT: Wood, William | ; |
| Qy | 1021 | ACGACTCTCAGGATCGCTGGTACTAGCCAAAGGTGCGCTCAAAGGGGA 1080 | ; | APPLICANT: Zhang, Zemin | ; |
| Db | 953 | TAGTAATTGTGGACTGAGTTATTTACAAATGGAATAAGAAATATGATGTCGGG 1012 | ; | TITLE OF INVENTION: ACIDS SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC | ; |
| Qy | 1081 | TCATGGAGGTGGGACTCGGCCATCCACCGGAGACCCGGCTGGATGGCT 1140 | ; | FILE REFERENCE: P330R1C271 | ; |
| ; | ; | ; | CURRENT APPLICATION NUMBER: US/10/145-628 | ; | |
| ; | ; | ; | CURRENT FILING DATE: 2002-05-14 | ; | |
| ; | ; | ; | Prior Application removed - See File Wrapper or Palm | ; | |
| ; | ; | ; | NUMBER OF SEQ ID NOS: 550 | ; | |
| ; | ; | ; | SEQ ID NO 189 | ; | |
| ; | ; | ; | LENGTH: 2150 | ; | |
| ; | ; | ; | TYPE: DNA | ; | |
| ; | ; | ; | ORGANISM: Homo Sapien | ; | |
| ; | ; | ; | US-10-145-628-189 | ; | |
| ; | ; | ; | Query Match 5.4% ; Score 146.8 ; DB 12; Length 2150; | ; | |
| ; | ; | ; | Best Local Similarity 47.3% ; Pred. No. 1.2e-29; | ; | |
| ; | ; | ; | Matches 618; Conservative 0; Mismatches 667; Indexes 21; Gaps 5; | ; | |
| ; | ; | ; | 187 GCTACCCAGGAGGGCCATTCAGCTGGGAGGCTCAGGCTGGCTCC 246 | ; | |
| ; | ; | ; | 119 GCTGGAGGAGGGCCATTCAGCTGGGAGGCTCAGGCTGGCTCC 178 | ; | |
| ; | ; | ; | 247 TG---TTGGGATCTGGCCATCCACCGTGGCTGGATGGCTGG 303 | ; | |

Db 1253 ACTTCATTTCCAGGAGTTTCAAGTATCTAAAGGAGAACAAACATCTTACCAAGGAGATA 1312
 Qy 1372 TGCTCATCACCTCCCTGGAGTACACCGAGAAGACGGAGCTGGCAGTGCGCT 1431
 Db 1313 ACCTTAATTACTGAGTGTCTGCAGTACACCAAGAAAGTAGCTGAGATGCTGGAGAC 1372
 Qy 1432 TCGGGATTCCTGGAGGAGATGTGTCAACTAGTGCACTACTACCC 1477
 Db 1373 TAAGCAGCAGGAGTAAATSGTCTCATACCTCTTCTTATTAACCC 1418

RESULT 35
 US-10-145-823-189
 ; Sequence 189, Application US/10145823
 ; Publication No. US20030134368A1

; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Bersini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Gurney, Paul J.
 ; APPLICANT: Godowski, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Stewart, Victoria
 ; APPLICANT: Tomas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P1330RIC262
 ; CURRENT APPLICATION NUMBER: US/10/145,823
 ; CURRENT FILING DATE: 2002-05-14
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO: 189
 ; LENGTH: 2150
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 ; SEQ ID NO: 145-823-189

Query Match 5.4%; Score 145.8; DB 12; Length 2150;
 Best Local Similarity 47.3%; Pred. No. 1..2e+29;
 Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

Qy 187 GCTACACCCAGGAGCCATTCCACCTCCAGCTCGTGGAGGCTCAAAGGTGGCTC 246
 Db 1199 GCTGAGGAGCAGGGGGAGCCAGTCGCTTCGCCCTCGCAGTGCAGTGGCTG 178
 Qy 247 TG---TTGGGATGTGCGACCGTGGCGACCTCTGAGAACGAGATCTGGCTGGA 303
 Db 1799 TGGCTTCGGCTTCTGCCACCGGGCCTACGATTAATTTACAAATGAGITGAAA 298
 Qy 364 TGGATCCCCAGGAGCTACCCAGCTGCTGAGTGCAGGAGCCCAGCTGACCC 423
 Db 299 AAGATGCTAGGAGATAACCATCTGAGATATGCCATGGAAATAGGCACACAAATA 358
 Qy 424 TGCUTTTCAGAGGCCCTTGGCACCTGAGCCAAAGGATTACCTCTGAGAGGCCA 483
 Db 359 TTGAATTACAGAGGTGCTACATGAGCATATAATGACATAAGGTATAACGGATAGA 418
 Qy 494 CTCGCACTGGCTTACGGATCTGGAGGAGCCGTTCCGCTACTGGAGGCCATCAAG 543
 Db 419 CTCGAGAGTGTCTGGCCTPACCCACATGAGATGAGGAGAAGCTGCCRAGTAC 478

Qy 544 GCTCGGGCTCAGATGGGGCTGAGAGGGTGGAGCTCGTGGAGGATATCCCGAAC 603
 Db 479 ---ATGACTCTCAATTGGGSCACCAAGAGTTGGGTTATGAAATCTGGAGAAC---TA 532
 Qy 604 CGGAGTTGCCCTGAGGCGGTGACATGGAGTCAGCTGGATCCAAATGCCAAT 663
 Db 533 GTGNGCTATATGACCCCTTACCATCTTGTCTGTAAATAGGAATGCTCCCACATCCAA 592
 Qy 664 GCCAGAGGACCACTACTGGTCTACATTAAGGAGTTCAGGCTTCAAGGGCTTCTCGGACCC 723
 Db 593 ACAAGAGTACAATATGGGCAATGTTAAGATTGTTAAGGTTAAGGTTAAGGAAACATC 652
 Qy 724 ACATTATCAGTACGAGGCCATGTCACCAAGGGCATGAGCCCTGTGCAACCATGG 783
 Db 653 ATGTTATAAGGTGAGCCAGTGTACCTGGCTGGCTGGCTGGCTGGCTGGCTGG 712
 Qy 784 AAGCTTCACAGCTGCGCCCCGA---GATGGAGAGGTGCTGGCTGGCTGGCG 840
 Db 713 TGCCTATCAGTCAGACACACTTAAACGAGTGTGGTACACATCC 772
 Qy 841 ACTCCAGATGAAACCGACCCCTRACTACTGCGCCAGTGTGGCCCTGGCC 900
 Db 773 ATCACCCAAACATGCCGATGATTCTCACCTGAGTAAACTGTGATTTTGCTCTGGCTA 832
 Qy 901 TGGTGCAGGATTACTACCCAGGAGCTGGCTTGCCTGGGGTCCAGGGT 960
 Db 833 TGGTGGAGAGGGCTTCTATGCCCTCATGTGATTATCCCTGGACTCTCATGG 892
 Qy 961 CCTCCAGATATTCGGCTGGAAAGTTCATACCAACCCACTGTGATAGAAGGCAA 1020
 Db 893 ATCCGCAATTATGCTCTCTGAGTCATTGATGATTAATCCACATGAGGCTAA 952
 Qy 1021 AGCACTCTCAGGATTCGGCTTGTACTACACAGGCAAGCTGGCTCAAGGGGGA 1080
 Db 953 TAGATTAATTCTGGACTGAGTGTATTAACTGATAATGGATAATGGCTGGG 1012
 Qy 1081 TCATGGAGCTGGACTGGTGTGGCTTACGGCCAGTGTGGCTATGCCATTCCACGGAGACGGCCT 1140
 Db 1013 TGATGGAGCTGGCTTCCATACCATCCCTCCAGGATSCCTGAGT 1072
 Qy 1141 TCATCCCTCACTGGCTACTGAGGACACTGTGACCACTGGGACTG-----CCTC 1191
 Db 1073 TCCAGTCTGGGGTCACTGAGCTGGCTGGAGGGCTGGAGGCTGGAAAG 1132
 Qy 1192 CCTCGGGATCCATCTGGCTCTGAGTCCACACCTCTGGAGAAGGGTGG 1251
 Db 1133 CAAGTGAAATTCTGTTCTCATGGCTGGCTGGAGGCTCA 1192
 Qy 1252 TCACAGTGTGGCTGGAGCTGGAGATCTGGAGAAGGAGCATCTACATACA 1311
 Db 1193 CCTCGGGATCCATCTGGCTGGAGCTGGAGATCTGGAGAAGGGTGG 1252
 Qy 1312 GCCTCTACCTCCAGGAGTCGGCATGTTGAGAAAGCTGCTGGTGGCTACATCGGGAGATG 1371
 Db 1253 ACTTCATTCAGGATTTCAGGTTCAATGAAAGAACAAATCTACGGAGATA 1312
 Qy 1372 TGCTCATACCTCTGGAGTACAACGGAGACCTGCTGGAGCTGGGGGGCT 1431
 Db 1313 ACCTAATTCTGGAGTTCAACGGAGATGAGTGTGGCTGGAGGAGAC 1372
 Qy 1432 TCGGGATCTGGAGGAGATGTTGCTACTAGTGTGACTACTACCC 1477
 Db 1373 TAAGCAAGGAGTGAATGTTCTCATACCTCTTATTACCC 1418

RESULT 36
 US-10-145-826-189
 ; Sequence 189, Application US/10145826
 ; Publication No. US20030134368A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura
 APPLICANT: Desnoyers, Luc
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Gao, Wei-Oiang
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Goodowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Sherwood, Steven
 APPLICANT: Stewart, Victoria
 APPLICANT: Tumas, Daniel
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William
 APPLICANT: Zhang, Zenin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P330RIC284

CURRENT FILING DATE: 2002-05-14

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 189

LENGTH: 2150

TYPE: DNA

ORGANISM: Homo Sapien

US-10-145-826-189

Query Match 5 4%; Score 146 8; DB 12; Length 2150;
 Best Local Similarity 47.3%; Pred. No. 1.2e-29;
 Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

Qy 187 GCTACACCAGGAGCCATTCATTCCAGGTCTCTGGAGGCTCAGGGCTGGCTC 246
 Db 119 GCTGGAGCCAGGGCGAGCCAGATGCCCTTCCSCTCCAGTGCGACTGGCTACG 178
 Qy 247 TG--TTTGGATGTCGAACGGTGGAGGTGAAACCGAATCTCGTGGCTCGA 303
 Db 179 TGGCTTCGCTCTTCGCCAACCGGGCATGGCTCCGGACATGTTGGCGGG 238
 Qy 304 CCGATGGGACACTGCTTATTGGGAAGCCCTGGAGTGGACAGTCAC 363
 Db 239 TGGCCACGGCCCTACCTCCAGGATTATTACAAATGCAATAAGTTGAA 298
 Qy 364 TGGATCCCCAGGAGCTACCAAGCTGGCTGGAGGAGCCAGGGCTGACCC 423
 Db 299 AAGATGCTCAGCAAGATTACCATCTGAATATGCCATGGAAATATGACACAATA 358
 Qy 424 TGCPTTCAAGAGGCCCTGGACCTGGCAAGGATTACCTCATGAAAGCGGA 483
 Db 359 TTGAATTACAGAGGCCCTGGCATACATGACATAAATGCAAGGATAACGATAA 418

Qy 484 CTGTCCACTTGGCTCAAGGGATCTGGAGGCCATTGGCTCATCTGGAGGCCATCAAG 543
 Db 419 CTGTGAGAGTGATCTGGCTTACCCATGAAGATGCAAGGAGCTGCTCCAGTAC 478
 Qy 544 GCTGGGGCTCTGAGATGGGCAAGATGGGCTGAGGGTGCAGCTCCGAA 603
 Db 479 --ATGACTCCAATAGGGCACCAAGAGTTGGCTTATGAAATCTGAAAGAAC-- TA 532
 Qy 604 CGGACTTGGCTCAGACGGCTGACCATGGTCAAGCTCCAAATATCCAGATCCC 663
 Db 533 GTGTCCTATCTACAGCCTTACCATACTTGTGTAATCAGACGTCCTCCATCCAA 592
 Qy 664 GCCAGGAGACCACCTACTCTGGTACATTAAGGGCTCAAGGGCTTCTGGCAC 723
 Db 593 ACAAGATACAACATATGGCAAAATTTAGATTCTGTGTTCCAGAAAAGCATC 652
 Qy 724 ACATATTCAAGTAGAGGCCATCTCACAGGGCAATAGGGCCCTTGTCCACATG 783
 Db 653 ATGTAATAAGGTGAGCCAGTGTAGAGAGGECCTAGAGSTCTGTGCAACAC 712
 Qy 784 AAGTGCAGCGTCCAGTGGCCCGCACTTACGGGCCCTSG 840

Db 713 TGCCTTATCAGTGCAGCAAACATTAAACGAGGTCTGGAGTCAGGAGTCGCT 772
 Qy 841 ACTCCAGATGAAACCCGACGCCCTCAACTACTGGGCCAGTGTCTGGGCC 900
 Db 773 ATCACCCACATGGCGATGATTCTCAGCTGAAACTGTGATTGTTGCTGGCT 832
 Qy 901 TGGGTCAGGCACTTACTACCCAGGAAAGGGCTTCTGGCTCTGGGGTCAAGGT 960
 Db 833 TTGGTGGAGGGCTTCTTATCACCTCATGTTGGATTATCCCTGGACTCATTAG 892
 Qy 961 CCTCCAGATATCCTGGCTGAAGTCACTACCAACCCACTGGTATAGAGGAGAA 1020
 Db 893 ATCCCATATGGCTCTGAGTCCATTATGATAATCCACTATGAGGAACGCTAA 952
 Qy 1021 ACGAATCCCTAGGCTTGGCTGACTACAGCCAAAGCTGGCTCAACGGGAA 1080
 Db 953 TAGATAATCTGGACTGAGTTATTCACAAATGATAAAGAAATATGATGGGG 1012
 Qy 1081 TCATGAGCTGGACTGGTACAGGCACTGGCTGATGCCATTCCACACGGGAGACGGCT 1140
 Db 1013 TGATTGAGGTGGCTCTGGTGAACCTCTTCATACCATCCCTCAGGGATGGTAGT 1072
 Qy 1141 TCATCCTCATCTGGTACTCAGGAAAGTGCACCGAGCTGGCACTG-----CCTC 1191
 Db 1073 TCCAGTGTAGGGTCACTGCACTTGGAGTGTGCTMARGAGGTCTGGAAAGCCGAAAGC 1132
 Qy 1192 CCTCGGGATCCACTCTCGCCCTCTCAGTCCACACAGCTCTGCGAGAAGGTGG 1251
 Db 1133 CAAGTGAATTCTCATGTTGCTCTTCATCTGCTGGAGCATCA 1192
 Qy 1252 TCACMGTCGTCGTCATGATGATGATGATGTTTGG 1311
 Db 1193 GGCTCGTGTATTCTGAAAGGGAGGAATGARATACTTGCCTATGATGATGTTTGG 1252
 Qy 1312 GCCCTCACTTCAGGAGTCGATGTTGAAGAGTCGCTGCTGGCTCATCGGAGATG 1371
 Db 1253 ACTTCATTTCCAGGAGTTCACTTCACTTAAAGGAAACAAACATCTTACAGGAGATA 1312
 Qy 1372 TGCTCATCCTCTGGACCTGGAGGAGCTGCCACAGTGGGGGGCT 1431
 Db 1313 ACCTAATTACTGAGTGTCCCTACACACAAAGTAACTGAGCTTGGAGGAC 1372
 Qy 1432 TCGGGATCTGGAGGAGATGTCGTCACAATCAGTNGCACTFACTACCC 1477
 Db 1373 TAACGACCCAGGAGTGAATGTTTATTACCC 1418

RESULT 37
 US-10-145-870-189
 Sequence 189, Application US/10145870
 ; GENERAL INFORMATION:
 ; Publication No. US20030134370A1
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Geertsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Steward, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanaabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P330RIC274

CURRENT APPLICATION NUMBER: US/10/145,870
; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO: 189
; LENGTH: 2150
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-10-145-870-189

Query Match Score 146.8; DB 12; Length 2150;
Best Local Similarity 47.3%; Pred. No. 1.2e-29;
Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

Qy 1.87 GCTACACCCAGGGCATCCATTTCASOTTCCTCGTGGGAGCTTAAGGTGGCTCC 246
Db 1.19 GCTGGAGCCAGGGAGCACTGGCTCCAGATCGCCCTTCAGCTGGGAGCTGAGTCAG 178
Qy 2.47 TG---TTTGGATATGTCGACCCTGGGGACTTGAAGAAGCAGATCTGTTGCTGGA 303
Db 1.79 TGGCTTGCCTTCGCCACCGGGGATGGCTGCCAACCTCTGGGGGG 238
Qy 3.04 CCGATGGGACAATGCCATTTCGGAGCTGGAGAACAGGGAGATCCACC 363
Db 2.39 TGGCCCAACGGGCCAACCTCCAGGTTATTTTAACATGCAATAGAGTTGAAA 298
Qy 3.64 TGGATCCCGAACGAGACTAACCTGCTGCAAGTGAGGACCCAGGGCTGACC 423
Db 2.99 AAGATGCTAGCAAGATACTAGAAATATGCCATGAAATAACACAAATAA 358
Qy 4.24 TGGCTTTAGAGGCCATTGGCACCTCTGCAAGGATACTCTCATGAAAGCGGA 483
Db 3.59 TTGAAATTACAGAGGGCTACATGTCATAATGCAAGAGTAACTGATAAG 418
Qy 4.84 CTGGTCATCTGGTCACTGGGATCTGGAGGCCGCTTCGGGCTCATCG 543
Db 4.19 CTGGAGGATGATCTGGCTTACCACTGAGATGAGAAGCTGGCCCTGAGTAC 478
Qy 5.44 GCTGGGGCTGCAAGATGGGGCTGAGGGCTGCAAGGGCTCTCTGAAGCCATATCCGAC 603
Db 4.79 ---ATGACTCCATAGGGCAACAAAGTTGCTGAATCTGAAACAAAC---TA 532
Qy 6.04 CGGAGTGCCTCAGCGCTGCACTATGGAGGTCCAAGTCCAAATTCAGATCCC 663
Db 5.33 GTGTGTATCTACAGCTTACCAACTTGTATCGTAATCAGACGCCCTCCCAA 592
Qy 6.64 GCGAGGAGACCAAGCTACTGGCTCATTAAGGGCTCTCAAGGGCTCTCGGAC 723
Db 5.93 ACAAAAGATACACATATTGGCCAAATGTTAAGATICCTGTGTTCAAGAAAGATC 652
Qy 7.24 ACATTATCAAGTAGCAAGGCCATCGTCACCAAGGGCAATGGCCCTGTG 783
Db 6.53 ATGATAAAGTTGCTAGCAAGGGCTTGTGAACTGGCTTGTG 712
Qy 7.84 AAGTCTTCAGTGGCCCCGA---GATGGACAGCGTCCCCACTCAAGGGCTCTGG 840
Db 7.13 TGCTCTATAGTGCAGCAACACTTAAAGACAGCGTCTGAGTCGGGACAGTGT 772
Qy 8.41 ACTCCAAGTAGAAACGGCCGCTCAACTACTGGCCCACTGGGCTCTGGCC 900
Db 7.73 ATCACCCCAACATGCCATGCAATTCTCACTGTGAAACTGTGATTTCTGGTA 832
Qy 9.01 TGGTGGCAAGGCAAGGATTTACTACCAAGGGAGCCGCTTGGGGTCAGGGT 960
Db 8.33 ATGGTGGAGAAGGGTTTGTGTTTGTGAACTGGCTTGTG 892
Qy 9.61 CCTCCAGATATCTCGCTGGAGAAGGTTCACTACCAACCCACTGGTGTGAGGAG 1020
Db 8.93 ATCCGGATATCTGGCTCAAGGTCATATGAGTCATATGAGGAAAGCTTAA 952
Qy 10.21 AGGACTCCCTAGCCATGGCTGAGCTACAGCAAGCTGGGGCTCC 246
Db 9.53 TAGATAATTCTGACTGAGTTATTTACACATGATAAAGGAAATATGAG 1012

RESULT 38
US-10-145-876-189

; Sequence 189, Application US/10/145-876-189
; Publication No. US20030134371A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresin, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanaide, Colin K.
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P330R1C304
; CURRENT APPLICATION NUMBER: US/10/145,876
; CURRENT FILING DATE: 2002-05-14
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO: 189
; LENGTH: 2150
; TYPE: DNA
; ORGANISM: Homo Sapien
; US-10-145-876-189

Query Match Score 146.8%; Best Local Similarity 47.3%; Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

Qy 1.87 GCTACACCCAGGGCCATGGCTCACTGGCTGGGCTCTGGCTGAGGCTCC 246
Db 1.19 GCTGGAGCCAGGGAGCACTGGCTCCAGGTCAGGAGGCTCAAGGTGAGT 178

Qy 247 TG---TTGGGATGTCGACCGGGAGCTTGAACCGAGATCTGGTGTGCTCTGGA 303
 Db 179 TGGCTTGGTTTGCACCGGGCATGGCATTGGCTCCGGACATCGTGTGCTGG 238
 Qy 304 CGATGGGACACTGCTATTGGGACGCCATGGTACCAAGGGCAGATCCAC 363
 Db 239 TGGCCACGGCCCTACCCAGGATTATTAACTGAAATAGAAGTGTGAAA 298
 Qy 364 TGGATCCCAGGAGACTACCGTGCTGAGGTGAGGGTCAAGGAGCCCTGACCC 423
 Db 299 AAGATGCTACGAAAGTACCATCTAGATAATGCAACACAAATA 358
 Qy 424 TGCCTTCAGAGGGCTTGTGACCTGGACCCAAAGGATTACCTCTTGAAGGCCA 483
 Db 359 TTGAATTACAGAGGCTCATACGTACATAATGAAAGATAAACGATAGGA 418
 Qy 484 CTGTCACTRGGTCTAGGGATCCCTGGAGGCCCTCCGGTCACTGGGGCATCAC 543
 Db 419 CTGTCAGAGGTGATCTGGGCTTACCACTAAAGTAGTCAGAACTGTCCTCCAGTAC 478
 Qy 544 GCTCGGGCTCTGAGATGGCTGAGGGCTGAGGGTCAAGCTCTGAAGCCATATCCCGAAC 603
 Db 479 --ATGACTCCAATAGGGACCAAGAGTTGCGCTTATGAACTCTGAAAC-- -TA 532
 Qy 604 CGGAGTGGCCTCTAGACGGCTGACCATGGTCAAGGCTCCAAATTCAGATCCCCA 663
 Db 533 GTGTCCTATTAACGGCTTACCATGGTCAACTTGTAAATCAGAGCTCCATCCCA 592
 Qy 664 GCCAGGAGCACACGFACTGGTGTACATTAGGGCTTCCAAAGGGCTTCTCTGGCAC 723
 Db 593 ACAAGATACACATATTGTGCAAAATGTTAAAGTTCTGTGTTCAAGAAAGATC 652
 Qy 724 ACATTAATGAGTACAGCCATCGTCACCAAGGGCAATAGGGCCTTGTCAACCACATG 783
 Db 653 ATGATAAATAGGTGAGCAGTGTACAGAGGCTCATAGAGTCTGGCACCACATC 712
 Qy 784 AAGTCTTCAGTGTGCCCCCGA -- -GATGGACAGGGTCCCCACTTCAGGGCCCTGG 840
 Db 713 TGGCTATAGTGACGACAAGACTTAAACGAGGTCTGGAGTCGGCAACAGTGT 772
 Qy 841 ACTCCAAGATGAAACCCGACCGCTTACACTGCGCACGTTGGGCTGGGCC 900
 Db 773 ATCACCCACATGCCATGTGCACTTCACCTGTGAACTGTGATTTGCTGGCTA 832
 Qy 901 TGGTGGCAAGGCAATTACTACCCAGGAAAGGGCTGGCTGGTCCAGGT 960
 Db 833 TTGGTGGAGGGCTTTCTTATCCACCTCATGTGGATATCCCTTGCACCTCATP 892
 Qy 961 CCTCCAGAPATCTGGCTTCAAGGTTCACTACCAACCACTGTGATAGAGGCGA 1020
 Db 893 ATCCGCAATTGTGACTGCTCCAGGTTTAACTGAAATGGATAATGGAGGCTTA 952
 Qy 1021 AGGACTCTCAGGGCATCCGTTGACTACAGGCCAGGTCACTGGCTGGCT 1080
 Db 953 TAGATAATTGTGACTGAGTTAACAAATGGATAATGGAGGCTTA 1012
 Qy 1081 TCATGGAGCTGGGACTGGTCACTGGCTGGTCACTGGCTGGCTGGCT 1140
 Db 1013 TGAATGAGGTGGCTCTGGTGTGACCTCTTCCAGGATGGCTGGAT 1072
 Qy 1141 TCATCCTCATGGTACTGGCACTGGCAAGGCACTGGCACTGTGCACTGCTG 1191
 Db 1073 TCCAGTGTAGGGTCACTGGCTGGTCACTGGCTGGCTGGAGGCTTA 1132
 Qy 1192 CCTCGGGATCCACATCTGGCTTCACTGGCTGGTCACTGGCTGGCTGGCTGG 1251
 Db 1133 CAATGGAAATTCTCATGTGTCCTCTGGTGTGCTGGCTGGCTGGCTGG 1192
 Qy 1252 TCAAGTGTGATTTCGAAAGGGAAATTACTTGCTTATGTGATGATTTG 1252
 Db 1193 GGCTGCGTCAATTTCGAAAGGGAAATTACTTGCTTATGTGATGATTTG 1371
 Qy 1312 GCCCTCACTTCCAGGAGATCGCTGGCTGGCTGGCTGGCTGGCTGGCTGG 543

Db 1253 ACTCRAATTCCAGGAGTTCACTGATCTAAAGGAAACAAATCTTACAGGAGATA 1312
 Qy 1372 TGCCTCATACCTCTGGCTTCACTGGCTGGAGCTGCCAACCGAAAGCTGGGGCT 1431
 Db 1313 ACCATTAACTGAGTACTGGTGTGCTTCACTGGCTGGCTGGCTGGAGAC 1372
 Qy 1432 TCGGATCTGGAGGAGATGTCSTCAACTACGTCGACTACTACCC 1477
 Db 1373 TAAGGACCCAGGAGTGTGAAATGTCCTCATACCTPTCTTATTACCC 1418

RESULT 39
 US-10-145-959-189
 ; Sequence 189, Application US/10145959
 ; Publication No. US20030131372A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; BERESINI, Maureen
 ; APPICANT: DeForge, Laura
 ; APPICANT: Desnoyers, Luc
 ; APPICANT: Filvaroff, Ellen
 ; APPICANT: Gao, Wei-Qiang
 ; APPICANT: Gerritsen, Maureen E.
 ; APPICANT: Goddard, Audrey
 ; APPICANT: Godowski, Paul J.
 ; APPICANT: Gutney, Austin L.
 ; APPICANT: Sherwood, Steven
 ; APPICANT: Smith, Victoria
 ; APPICANT: Stewart, Timothy A.
 ; APPICANT: Tumas, Daniel
 ; APPICANT: Waranabe, Colin K.
 ; APPICANT: Wood, William
 ; APPICANT: ZHANG, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3310R1C281
 ; CURRENT APPLICATION NUMBER: US/10/145, 959
 ; CURRENT FILING DATE: 2002-05-14
 ; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 189
 ; LENGTH: 2150
 ; TYPE: DNA
 ; ORGANISM: Homo Sapien
 ; US-10-145-959-189

Query Match Score 146.8; DB 12;
 Best Local Similarity 47.3%; Pred. No. 1.2e-29;
 Matches 618; Conservative 0; Mismatches 667; Indels 21; Gaps 5;

Qy 187 GCTACACCCAGGACCCATTTCAAGCTTCTGGAGCTCAAGGCTGGCTC 246
 Db 119 GCTGGAGCPAGGGGAGGAGATGCTGGCTTCCGGCTCAGCTGAGCTAG 178
 Qy 247 TG---TTTGGATCTGGACCCGTTGAGGCAAGATTCGCTGGTCTCTGG 303
 Db 179 TGGCTTCCGGCTCTGGCTTCTGGCCACCCGGCTCTGGCTGGGG 238
 Qy 304 CGGATGGGACACTGCTTGTGAGGCTGGCTGGAGGAGGGCAGATCCACC 363
 Db 239 TGGCCACGGGGCCCTACCTCCAGGTTATTTACAAATGCAATAGAGTTGAAA 298
 Qy 364 TGGATCCAGGCCCTTGGGACCTGGCTGGCTGGCTGGCTGGCTGG 423
 Db 299 AAGATGCTAGAAGATTACCATCTGAGATATGGCTAACATGACACACAAATA 358
 Qy 424 TGGTTTCAGAGGCCCTTGGACCTGGCTGGCTGGCTGGCTGGCTGG 483
 Db 359 TTGATTTACAGAGGAGCTGGCTACATGTGACATAATGACAAGGATAACCGGATAGA 418
 Qy 484 CTGTCACCTGGCTACCGGATCTGGCTGGCTGGCTGGCTGGCTGGCTGG 543

419 CTGTGAGTGTATCTGGGCTTACCCATGAGATGGAGGAAGCTGGTCCAAAGTACC 478
 Qy 544 GCTGGCCCTGCACATGGGCTCAGCTGGTCAACGCCATTATCCCGAAC 603
 Db 479 ---ATGACTCCAATAGGGCAACAGGTTGGGTTATGAACTCTGAAAAC---TA 532
 Qy 604 CGGAGTTCGCCCTAGACCCGTCACCTGGGGTCAAAGTCCCAATTCGAGATCCCCA 663
 Db 533 GTGGCTATCTAGCCCTAACATACTTGTCTGTTAATCAGAGCTCCCCTCCAA 592
 Qy 664 GCCAGGACACAGTGTCTACATTAAGGAGCTTCCAAAGGGCTTCTCTGGGACC 723
 Db 593 ACAAAGTACAACATATTGGCCCAAATGTTAAATCTCTGTTCTCAAGAAAAGTC 652
 Qy 724 ACATTAACTGAGGACCCCATTGCAACAGGGCAATAGGGCCTTGTCCACCATGG 783
 Db 653 ATGTAATAAGGTTGAGCGAGTGAATACAGAGGCCATAGAGCTGGTACATCC 712
 Qy 784 AAGTCCTCCAGTGGCCCGGA---GATGGACACGGTCCCACTTAGCGGGCCCTGCG 840
 Db 713 TGCTCTATCTAGTGAAACAGCTTAACACAGGTTCTGGTCCGGCACAGTGT 772
 Qy 841 ACTCCAAAGTAAACCCGACGCCCTCAACTACTGGGCAACCTGGCCACCTGGCC 900
 Db 773 ATCACCCAAACATGCGCGATGCAATTCTCACTCTGAAACTGTGATTTCCTGGCTA 832
 Qy 901 TGGGTGCAAGGCAATTACTACCGAGGAAACCGGCCCTTGGGGTCCAGGGT 960
 Db 833 TGGGTGAGGGCTTCTTATCCACCTCATCTGGATTATCCCTTGACCTATTAG 892
 Qy 961 CCTCCAGATATCTCGCTGGAGTTCTACACACCAACTCTGGTATAGAAGGAGGA 1020
 Db 893 ATCCCATATGRCCTCTAGTGGCTCTAGTGGCTTATGAGAAAGCTTA 952
 Qy 1021 AGGACTCTCAGGATTCGGCTGACTACAGGCCAGCTGGGGCTTCAACCGGGGA 1080
 Db 953 TAGATAATCTGACTGGGTATTCTACATGGATAATAGGAATATGATECTGGG 1012
 Qy 1081 TCATGGACCTGGAACTGGTGTACACCGCACTTCCACCCACGGAGAACGGCT 1140
 Db 1013 TGATTGAGGTGGCTCTGGCTCTGGGTGAGCTTCATCCACGGGACTCTGT 1072
 Qy 1141 TCATCCCTACCTGGCTATGCAAGGCAAAAGTGTGCACTGGGCACTG-----CCT 1191
 Db 1073 TCCAGTCTGAGGGTCACTGTGACTTGTGACTTGTGAGGCTCTGGAGGCAAAAGC 1132
 Qy 1192 CCTCCGGGATCCAATCTCCCTCTCACTGCAACAGAACCTGAGGAAAGTGG 1251
 Db 1133 CAAGTGAAATTCTGTTCTCCACGGGATCTGGGCTGGAGGGCATCA 1192
 Qy 1252 TCACAGTGTGGCTGGCGGGAGTGGGAGATCTGTGAAAGGACATCACTACA 1311
 Db 1193 GGCTGGTGTATTGAAAGGGAGGAATTACTGGCTATGATGATGTTTG 1252
 Qy 1312 GCCCTCACTTCCAGGAGATCCGCATGTGAGGAGGTGTGCGGTCACTGGGGCT 1431
 Db 1253 ACTTCATTCAGGATTCAGTGGCTCAACAGGAAGATAGAGTGTGAGATGGGAGAC 1372
 Qy 1372 TGCTGATCCTGGGGAGATGAGGAACTACAGTCAGTGGCTCACTACCC 1417
 Db 1373 TAAGGACCGGGAGTGTGAAATGTTGCTCTCTACCTTACCTTACCC 1418
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filavroff, Ellen
 ; APPLICANT: Gao, Wei-Olang
 ; APPLICANT: Geritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven L.
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K.
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P3330R1C317
 ; CURRENT APPLICATION NUMBER: US10/1446,724
 ; CURRENT FILING DATE: 2002-05-15
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO: 189
 ; LENGTH: 2150
 ; TYPE: DNA
 ; ORGANISM: Homo sapien
 ; US-10-146-724-189

Query Match 5.4%; Score 146.8; DB 12; Pred. No. 1.e-29;
 Best Local Similarity 47.3%; Mismatches 657; Indels 21; Gaps 5;
 Matches 618; Conservative 0; Mismatches 657;

Qy 187 GCTACACCCAGGGCCATCCATTTCAGCTCTCTGGGAGGTCAAGGTGGCTTC 246
 Db 119 GCTGGAGCCAGGGCAGCAATGCGCTTCGGCTCCAGTGGCACTCGGGTAGC 178
 Qy 247 TG---TTTGGGATSTCAGCCGCTGGGAGCTGAGAAGCAGATCTGTGGTGTGGCTGG 303
 Db 179 TGGGTCTGGCTTCTGGCCACCGGGCCATGGGTGGCCACATGTCTGGGGGG 238
 Qy 304 CCGATGGGACACTGGCTATTGGACGCTGGACTGTGACAGGGCAAGTCCACC 363
 Db 239 TGGGCCACGGGCCCTACCTCCAGATTATTCAATGCAATAAGGTGAAA 298
 Qy 364 TGATATCCCAGGGACTACAGCTGGAGCTGGCTGGACGGCCAGAAGGGCTGACCC 423
 Db 299 AAAGATGCTGAGGATACCTCTAGAATATGCCATGGAAAATAGCAACACAAATAA 358
 Qy 424 TGCTTTCTAGGGCCCTTGGCCTACCTCCAGATTCTCATGTTGAACTGGAA 483
 Db 359 TTGAATTACCAAGAGCTGATACATGACATAATGACAAGTAAAGGTAAAGGGAA 418
 Qy 484 CTGTCCTACTGGCTACGGGATCTGGGAGCTGGCTTCGGTCACTGGAGGCAATCAG 543
 Db 419 CTGTGAGGTGATCTGGCTTACCAACATGAGGAGGTGCTCCAAAGTACGCC 478
 Qy 544 GCTGGAGGACACGCTGACTGGTGTGAGCTGGCTCACTTAAGAGGTCTCTGGCAC 603
 Db 479 ---ATGCTCTCAATGGGACCAAGAGTGGTGGTTATTGAACTCTGAGAAAC---TA 532
 Qy 604 CGGAGTGCCTCAGAGGCTGACCATGAGGTCAGCTGGCTCAAGCTCCAAATPCCAGATCCAA 663
 Db 533 GTGTGATATGACCTTACCCATTGATCTGGTAAATCAGGAGGCTCCATCCAA 592
 Qy 664 GCCAGGAGGACACGCTGACTGGTGTGAGCTGGCTCACTTAAGAGGTCTCTGGCAC 723
 Db 593 ACAAGATAACATATGGTGGCTAAAGTTAAAGTCTGGTCAAGAAAAGCATC 652
 Qy 724 ACATTATGAGTGAAGGCACTGTCACCAAGGGCAATGTGACCAACCATGG 783
 Db 653 ATGAAATAAGGTGAGGCACTGAGTGAAGGCAATGAGTGGACCATCC 712

RESULT 40
 ; Sequence 189, Application US/10146724
 ; Publication No. US2003013437/A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.

Qy 784 AAGTCTTCAGTGCCTCCGA---GATGGACAGCGCTCCCCACTTCAGGGGCCCTGGG 840
 Db 713 TGCCTPATCAGTGACAAACACTTAAGCACGCTTCTGGAGTCGGCAACGAGTGTCT 772

 Qy 841 ACTCCAAAGATAACCGAACGCCCTCAAACACTGCGCACAGTGTGGCGCCCTGGCCC 900
 Db 773 ATCACCCAAATGCCGATGATTCTCACCTGCAAATCTGATTTGCCCTGGCGTA 832

 Qy 901 TGGGTGCCAAGCATTACTACCCAGGAGGGCGCTTGCCPTGGGGTCCAGGGT 960
 Db 833 TTGGTCGAGGGCTTTCTATCCACCTCATGTTGGATPATCCCTTGACTCCATTAG 892

 Qy 961 CCTCCAGATATCTCCCTGGAAAGTCACTACCAACCAACTGTTGATAAGGAGAA 1020
 Db 893 ATCCGGATATGTCCTCAGAAGTCATATGATAATCCACATGAGAAAGCTTA 952

 Qy 1021 AGCATCTCCCTAGGGCATCCGGCTTGACTACACAGCCAAAGCTGGGGCTCAAACGGGGGA 1080
 Db 953 TAGATAATTCTGGACTGAGGTATTTCACAAATGGATAAATGATGAGGAATGGGG 1012

 Qy 1081 TCATGGAGCTGGACTGGTACACCCAGTGTATGSCCATTCACCCAGGAGACGGCT 1140
 Db 1013 TGATIGAGGCTGGCCCTGGCTTGAGCTGAGCTTCCATACCATCCTCGGGATGCTGAGT 1072

 Qy 1141 TCATCCTCACTGGCTACTGGCAACTGGCAAGTGCACCCAGCTGGCACTG-----CCTC 1191
 Db 1073 TCCAGTCTGGGGTCACTGGCACTTGGAGTGGCTTGAAAGGCTCTGAAGCGAAAAGC 1132

 Qy 1192 CCTCCGGATCCAATCTCGCTCTAGGTCACACACCTGACTGGGAAAGGTGG 1251
 Db 1133 CAAGTCGAAATCTGTTCTGCTCTCCATGCTCACCTGGAGGCCATCA 1192

 Qy 1252 TCACATGTGGTGGCTGGGGAGGGAGATCTGAAACAGGAAATCACTACA 1311
 Db 1193 GGCTCGGTCAATTTCGAAAGGGAGGAATTACTTGCTCATGATGATGTTTG 1252

 Qy 1312 GCCCTCACTTCAGGGATTCGGCATGTTGAGAAGCTGTCGCTCATCGGGAGATG 1371
 Db 1253 ACTTCATTTCCAGGGTTGAGTATCTAAAGGAAACAAACATCTACAGGAGATA 1312

 Qy 1372 TGCTCATCACCTCCCTGACACCTAACACGGAAAGACGGAGCTGGCCACAGTGGGGCT 1431
 Db 1313 ACCTTATTCTGAGTGTGCTACACAGAAAGTAGATGAGTGTAGATGGGGAGGAC 1372

 Qy 1432 TCGGATCTCTGGAGGATGTGTCAACTDAGTGCACTACTACCC 1477
 Db 1373 TAAGGCCAGGAGTGAATGTCATACCTCTTATTACCC 1418

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 Job time : 2246 secs

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